

<210> 1459
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1459
 gcttctccca tttgtctagc attataa 27
 <210> 1460
 <211> 30
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1460
 gccatgattt tgacataggg tttgaggatg 30
 <210> 1461
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1461
 cggagcctct gcggtcatca ag 22
 <210> 1462
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1462
 tggataactg catcagtgtg tggcatttta a 31

<210>	1463	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1463	
	gtggcgtatc tgcggtcac aag	23
<210>	1464	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1464	
	gtggcgtatc tgcggtcac aa	22
<210>	1465	
<211>	31	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1465	
	tggataactg catcagtga tggcatttta a	31
<210>	1466	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1466	
	tggcgtatct gcggtcac a	21

<210> 1467
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1467
 tggataactg catcagtgtg tggcatttta a 31
 <210> 1468
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1468
 aacgaggcgc acctgcgggc atcaa 25
 <210> 1469
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1469
 ttgatgaccg caggtgcgcc 20
 <210> 1470
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1470
 ttgatgaccg caggtgcgcc 20

<210> 1471
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1471
 ttgatgaccg caggtgcgcc 20
 <210> 1472
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1472
 tggataactg catcagtgtg tggcatttta a 31
 <210> 1473
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1473
 aacgaggcgc acctgcggtc atcaa 25
 <210> 1474
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1474
 ttgatgaccg caggtgcgcc 20

<210> 1475

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1475

tgataactg catcagtgtg tggcatttta a

31

<210> 1476

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1476

gggttggtg cctgtgtgag ccgat

25

<210> 1477

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1477

aacgaggcgc acctgcgggc atcaa

25

<210> 1478

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1478

ttgatgaccg caggtgcg

18

<210> 1479
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1479
 tggataactg catcagtgtg tggcatttta a 31
 <210> 1480
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1480
 ggcaacgagg cacacctgcg gtcatcaag 29
 <210> 1481
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1481
 ttgatgaccg caggtgcgcc 20
 <210> 1482
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1482
 tggataactg catcagtgtg tggcatttta a 31

<210> 1483
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1483
 aacgaggggc acctgcggtc atcaag 26
 <210> 1484
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1484
 cttgatgacc gcaggtgcc 19
 <210> 1485
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1485
 tggataactg catcagtgtg tggcatttta a 31
 <210> 1486
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1486
 aacgagggcg acctgcggtc atcaagg 27

<210> 1487
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1487
 ccttgatgac cgcaggtgcg 20
 <210> 1488
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1488
 tggataactg catcagtgtgta tggcatttta a 31
 <210> 1489
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1489
 atgacgtgac agacctgcgg tcatcaag 28
 <210> 1490
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1490
 cttgatgacc gcaggtctgt 20

<210> 1491
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1491
 tggataactg catcagtgtg tggcatttta a 31
 <210> 1492
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1492
 aacgaggcgc acctgagggtc atcaa 25
 <210> 1493
 <211> 18
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1493
 ttgatgacct caggtgcg 18
 <210> 1494
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1494
 tggataactg catcagtgtg tggcatttta a 31

<210> 1495
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1495
 cagtcacgtc tcctgcggtc atcaag 26
 <210> 1496
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1496
 cttgatgacc gcaggagacg 20
 <210> 1497
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1497
 tggataactg catcagtgtg tggcatttta a 31
 <210> 1498
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1498
 cagtcacgtc tcaactgcggt catcaag 27

<210> 1499
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1499
 gtggataact gcatcagtgt atggcatttt c 31
 <210> 1500
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1500
 cttgatgacc gcagtgcagac g 21
 <210> 1501
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1501
 cagtcacgtc tcaactgcggt catcaa 26
 <210> 1502
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1502
 ttgatgaccg cagtgcagacg 20

<210> 1503
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1503
 gtggataact gcatcagtgt atggcatttt c 31
 <210> 1504
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1504
 gggttggttag cctgtgtgag ccgat 25
 <210> 1505
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1505
 cagtcacgtc tcaactgcggt catca 25
 <210> 1506
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1506
 tgatgaccgc agtgagacg 19

<210> 1507
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1507
 gtggataact gcatcagtggt atggcatttt c 31
 <210> 1508
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1508
 aggggttggtgta gcctgtgtga gccga 25
 <210> 1509
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1509
 cagtcacgtc tcaactgcggt catcaag 27
 <210> 1510
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> atg gtg tct ttg gtg act ctg tgt ggt aca
 <400> 1510
 cttgatgacc gcagtgagac g 21

<210> 1511
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> atg gtg tct ttg gtg act ctg tgt ggt aca
 <400> 1511
 gtggataact gcatcagtgt atggcatttt c 31
 <210> 1512
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> atg gtg tct ttg gtg act ctg tgt ggt aca
 <400> 1512
 ggttggtagc ctgtgtgagc cgatc 25
 <210> 1513
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> atg gtg tct ttg gtg act ctg tgt ggt aca
 <400> 1513
 cagtcacgtc tcaactgcggt cat 23
 <210> 1514
 <211> 17
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> atg gtg tct ttg gtg act ctg tgt ggt aca
 <400> 1514
 atgaccgcag tgagacg 17

<210> 1515
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> atg gtg tct ttg gtg act ctg tgt ggt aca
 <400> 1515
 gtggataact gcatcagtgt atggcatttt c 31
 <210> 1516
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> atg gtg tct ttg gtg act ctg tgt ggt aca
 <400> 1516
 caagggttgg tagcctgtgt gagcc 25
 <210> 1517
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> atg gtg tct ttg gtg act ctg tgt ggt aca
 <400> 1517
 ccgtcacgcc tcaactgcggt catca 25
 <210> 1518
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> atg gtg tct ttg gtg act ctg tgt ggt aca
 <400> 1518
 tgatgaccgc agtgaggcg 19

<210> 1519
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> atg gtg tct ttg gtg act ctg tgt ggt aca
 <400> 1519
 gtggataact gcatcagtgt atggcatttt c 31
 <210> 1520
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> atg gtg tct ttg gtg act ctg tgt ggt aca
 <400> 1520
 aggggttgga gcctgtgtga gccga 25
 <210> 1521
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> atg gtg tct ttg gtg act ctg tgt ggt aca
 <400> 1521
 ccgtcacgcc tcaactgcggt catc 24
 <210> 1522
 <211> 18
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> atg gtg tct ttg gtg act ctg tgt ggt aca
 <400> 1522
 gatgaccgca gtgaggcg 18

<210> 1523
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> atg gtg tct ttg gtg act ctg tgt ggt aca
 <400> 1523
 gtggataact gcatcagtgt atggcatttt c 31
 <210> 1524
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> atg gtg tct ttg gtg act ctg tgt ggt aca
 <400> 1524
 aagggttggt agccggtgtg 20
 <210> 1525
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> atg gtg tct ttg gtg act ctg tgt ggt aca
 <400> 1525
 ccgtcacgcc tctactgcggt cat 23
 <210> 1526
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> atg gtg tct ttg gtg act ctg tgt ggt aca
 <400> 1526
 ccgtcacgcc tctactgcggt cat 23

<210> 1527

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> atg gtg tct ttg gtg act ctg tgt ggt aca

<400> 1527

atgaccgcag tgaggcg

17

<210> 1528

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<223> atg gtg tct ttg gtg act ctg tgt ggt aca

<400> 1528

gtggataact gcatcagtgt atggcatttt c

31

<210> 1529

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> atg gtg tct ttg gtg act ctg tgt ggt aca

<400> 1529

caaggggttg tagcctgtgt gagcc

25

<210> 1530

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> atg gtg tct ttg gtg act ctg tgt ggt aca

<400> 1530

atggtgtcct tgggtgactct gtgtggtaca

30

<210> 1531
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1531
 aacgaggcgc actccaatag ggacaag 27
 <210> 1532
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1532
 cttgtcccta ttggagtgcg cc 22
 <210> 1533
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1533
 gcggcggtaca gccgggtgtga gc 22
 <210> 1534
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1534
 cattttactg cggatcatcaa gggttggtc 29

<210> 1535
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1535
 tggcgtatga gccggtgtga gc 22
 <210> 1536
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1536
 cattttactg cggatcatcaa gggttggtc 29
 <210> 1537
 <211> 30
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1537
 ggatgactgc atcagtgtat ggcattttgc 30
 <210> 1538
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1538
 aacgaggcgc acgtacgatc atcaagg 27

<210>	1539	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1539	
	ccttgatgat cgtacgtgcg cc	22
<210>	1540	
<211>	30	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1540	
	atggtgtctt tgggtgactct gtgtggtaac	30
<210>	1541	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1541	
	tggcgtatga ccaattggggg caa	23
<210>	1542	
<211>	29	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1542	
	gatctgcaaa tctctgaatc tcgtggatg	29

<210>	1543	
<211>	26	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1543	
	tcttgagag caggtaccct cggaac	26
<210>	1544	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1544	
	tggcgtatga ccaattgggg caag	24
<210>	1545	
<211>	30	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1545	
	atggtgtctt tgggtgactct gtgtggtaac	30
<210>	1546	
<211>	29	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1546	
	atctgcaaat ctctgaatct cgtggatga	29

<210> 1547
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1547
 tcttggagag caggtaccct cggaac 26
 <210> 1548
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1548
 aacgaggcgc acaccaattg gggcaag 27
 <210> 1549
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1549
 aacgacgcgc acaccaattg gggcaag 27
 <210> 1550
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1550
 cttgccccaa ttggtgtgcg cc 22

<210> 1551
 <211> 30
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1551
 atggtgtctt tgggtgactct gtgtggtaac 30
 <210> 1552
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1552
 aacgaggcgc acaccaattg gggcaag 27
 <210> 1553
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1553
 cttgccccaa ttggtgtgcg cc 22
 <210> 1554
 <211> 30
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1554
 atggtgtctt tgggtgactct gtgtggtaac 30

<210> 1555
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1555
 cttgccccaa ttggtgtgcg 20
 <210> 1556
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1556
 aacgaggcgc acaccaattg gggcaag 27
 <210> 1557
 <211> 30
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1557
 atggtgtctt tgggtgactct gtgtggtaac 30
 <210> 1558
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1558
 atctgcaaat ctctgaatct cgtggatga 29

<210> 1559
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1559
 ggcaacgagg cacaccaatt ggggcaag 28
 <210> 1560
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1560
 cttgccccaa ttggtgtgcg cc 22
 <210> 1561
 <211> 30
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1561
 atggtgtctt tgggtgactct gtgtggtaac 30
 <210> 1562
 <211> 30
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1562
 aacgaggcgc acaccaattg gggcaagatc 30

<210>	1563	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1563	
	gatcttgccc caattggtgt gcg	23
<210>	1564	
<211>	30	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1564	
	atggtgtctt tgggtgactct gtgtggtaac	30
<210>	1565	
<211>	27	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1565	
	aacgaggcgc acaccaattc gggcaag	27
<210>	1566	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1566	
	cttgcccga ttggtgtgcg	20

<210> 1567
 <211> 30
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1567
 atggtgtctt tgggtgactct gtgtggtaac 30
 <210> 1568
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1568
 atctgcaaatt ctctgaattct cgtggatga 29
 <210> 1569
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1569
 cagtcacgtc tcatgggtggc ctgtg 25
 <210> 1570
 <211> 30
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1570
 gtatggcatt ttggtacgat catcaagggc 30

<210>	1571	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1571	
	cacaggccac catgagacg	19
<210>	1572	
<211>	27	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1572	
	cagtcacgtc tcagagccaa tcacctg	27
<210>	1573	
<211>	27	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1573	
	cgatcatcaa gggatggtgg cctgtgc	27
<210>	1574	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1574	
	caggtgattg gctctgagac g	21

<210>	1575	
<211>	28	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1575	
	atcaatctcc ttttggactt tctctgcg	28
<210>	1576	
<211>	26	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1576	
	cagtcacgtc tcagagccaa tcacct	26
<210>	1577	
<211>	27	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1577	
	cgatcatcaa gggatggtgg cctgtgc	27
<210>	1578	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1578	
	aggtgattgg ctctgagacg	20

<210> 1579
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1579
 gatcaatctc cttttggact ttctctgc 28
 <210> 1580
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1580
 cagtcacgtc tcagagccaa tcacct 26
 <210> 1581
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1581
 cagtcacgtc tcagagccaa tcacc 25
 <210> 1582
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1582
 ggtgattggc tctgagacg 19

<210> 1583
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1583
 cgatcatcaa gggatggtgg cctgtgc 27
 <210> 1584
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1584
 gatcaatctc cttttggact ttctctgc 28
 <210> 1585
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1585
 tgatcaatct cttttggac ttctctgc 29
 <210> 1586
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1586
 cagtcacgtc tcagagccaa tcac 24

<210>	1587	
<211>	18	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1587	
	gtgattggct ctgagacg	18
<210>	1588	
<211>	31	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1588	
	ctgatcaatc tccttttgga ctttctctgc g	31
<210>	1589	
<211>	27	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1589	
	cgatcatcaa gggatgggtgg cctgtgc	27
<210>	1590	
<211>	26	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1590	
	cagtcacgtc tcagaggcaa tcacct	26

<210>	1591	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1591	
	aggtgattgc ctctgagacg	20
<210>	1592	
<211>	27	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1592	
	cgatcatcaa gggatggtgg cctgtgc	27
<210>	1593	
<211>	28	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1593	
	gatcaatctc cttttggact ttctctgc	28
<210>	1594	
<211>	27	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1594	
	cagtcacgtc tcagaggcaa tcacctg	27

<210>	1595	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1595	
	caggtgattg cctctgagac g	21
<210>	1596	
<211>	27	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1596	
	cgatcatcaa gggatggtgg cctgtgc	27
<210>	1597	
<211>	28	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1597	
	atcaatctcc ttttggactt tctctgcg	28
<210>	1598	
<211>	26	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1598	
	ccgtcacgcc tcagagccaa tcacct	26

<210> 1599
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1599
 aggtgattgg ctctgaggcg 20
 <210> 1600
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1600
 cgatcatcaa gggatggtgg cctgtgc 27
 <210> 1601
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1601
 gatcaatctc cttttggact ttctctgc 28
 <210> 1602
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1602
 ccgtcacgcc tcagagccaa tcacc 25

<210> 1603

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1603

ggtgattggc tctgaggcg

19

<210> 1604

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1604

cgatcatcaa gggatggtgg cctgtgc

27

<210> 1605

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1605

tgatcaatct ccttttggac tttctctgc

29

<210> 1606

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1606

ccgtcacgcc tcagagccaa tcac

24

<210>	1607	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1607	
	ccgtcacgcc tcagagccaa tcac	24
<210>	1608	
<211>	18	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1608	
	gtgattggct ctgaggcg	18
<210>	1609	
<211>	27	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1609	
	cgatcatcaa gggatggtgg cctgtgc	27
<210>	1610	
<211>	31	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1610	
	ctgatcaatc tccttttggga ctttctctgc g	31

<210> 1611
 <211> 30
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1611
 cagtcacgtc tcatgggtcaa agtactgtgg 30
 <210> 1612
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1612
 ggaagtgtc aggattgaag gtgtctggc 29
 <210> 1613
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1613
 ccacagtact ttgaccatga gacg 24
 <210> 1614
 <211> 30
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1614
 aacgaggcgc acatgggtcaa agtactgtgg 30

<210> 1615
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1615
 ccacagtact ttgaccatgt gcgc 24
 <210> 1616
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1616
 ggaagtgtctc aggattgaag gtgtctggc 29
 <210> 1617
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1617
 catacgggttg ggcctgtgag agc 23
 <210> 1618
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1618
 catttttgta cgatcatcaa gggatggtc 29

<210> 1619
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1619
 aggagccacg ggtcccaaat c 21
 <210> 1620
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1620
 aggagccacg ggtcccaaat c 21
 <210> 1621
 <211> 30
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1621
 tcccctgttt cttgaaaagt ccatgtgtga 30
 <210> 1622
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1622
 tcgcgtagtc gggccccaaa tc 22

<210> 1623
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1623
 catcttcgcg gacgggtccc aaatc 25
 <210> 1624
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1624
 gatttgggac ccggtgcgcc 20
 <210> 1625
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1625
 aacgaggcgc accgggtccc aaatc 25
 <210> 1626
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1626
 catcttcgcg gacgggtccc aaatc 25

<210> 1627
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1627
 ggatttggga cccgtccgcg a 21
 <210> 1628
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1628
 ggatttggga cccgtccgcg 20
 <210> 1629
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1629
 ggatttggga cccgtccgc 19
 <210> 1630
 <211> 18
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1630
 ggatttggga cccgtccg 18

<210>	1631	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1631	
	gatttgggac ccggtgcgc	19
<210>	1632	
<211>	18	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1632	
	gatttgggac ccggtgcg	18
<210>	1633	
<211>	17	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1633	
	gatttgggac ccggtgc	17
<210>	1634	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1634	
	gatttgggac ccggtgcgcc t	21

<210>	1635	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1635	
	gatttgggac ccggtgcgcc tc	22
<210>	1636	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1636	
	aacgaggcgc accgggtccc aaatc	25
<210>	1637	
<211>	30	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1637	
	tcccctgttt cttgaaaagt ccatgtgtga	30
<210>	1638	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1638	
	aacgaggcgc accgggtccc aaatc	25

<210> 1639
 <211> 18
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1639
 gatttgggac ccggtgcg 18
 <210> 1640
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1640
 aacgaggcgc accgggtccc aaatc 25
 <210> 1641
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1641
 ggatttggga cccggtgcgc 20
 <210> 1642
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1642
 aacgaggcgc accgggtccc aaat 24

<210> 1643

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1643

atttgggacc cgggtgcgc

18

<210> 1644

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1644

ccgtagagga gcaccaggac g

21

<210> 1645

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1645

aacgaggcgc accgggtccc aaa

23

<210> 1646

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1646

tttgggaccc ggtgcgc

17

<210> 1647
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1647
 tccgtagagg agcaccagga 20
 <210> 1648
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1648
 cagtcacgtc tccgggtccc aaa 23
 <210> 1649
 <211> 17
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1649
 tttgggaccc ggagacg 17
 <210> 1650
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1650
 tccgtagagg agcaccagga 20

<210>	1651	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1651	
	ccgtcacgcc tccgggtccc aaa	23
<210>	1652	
<211>	17	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1652	
	tttgggaccc ggaggcg	17
<210>	1653	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1653	
	tccgtagagg agcaccagga	20
<210>	1654	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1654	
	tccgtagagg agcaccagga	20

<210>	1655	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1655	
	aacgaggcgc accgggtccc a	21
<210>	1656	
<211>	15	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1656	
	tgggacccgg tgcgc	15
<210>	1657	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1657	
	ccgtcacgcc tccgggtccc a	21
<210>	1658	
<211>	15	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1658	
	tgggacccgg aggcg	15

<210> 1659
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1659
 aatccgtaga ggagcaccag g 21
 <210> 1660
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1660
 aacgaggcgc accgggtccc a 21
 <210> 1661
 <211> 30
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1661
 ttccttggtt cttaaaaatt ccatgtctaa 30
 <210> 1662
 <211> 30
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1662
 atttttcgat actttttata gcactccatc 30

<210> 1663
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1663
 tggcgtatct gggttccaag tc 22
 <210> 1664
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1664
 aacgaggcgc acgtcaaata tccctaa 27
 <210> 1665
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1665
 aacgaggcgc actgggttcc aagtc 25
 <210> 1666
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1666
 ttagggagat ttgacgtgcg cc 22

<210>	1667	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1667	
	gacttggaac ccagtgcgcc	20
<210>	1668	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1668	
	aacgacgcgc actgggttcc aagtc	25
<210>	1669	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1669	
	aacgaggcgc actgggttcc aagtc	25
<210>	1670	
<211>	18	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1670	
	gacttggaac ccagtgcg	18

<210> 1671
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1671
 aacgaggcgc actgggttcc aagtcg 26
 <210> 1672
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1672
 cgacttgga cccagtgccg 20
 <210> 1673
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1673
 aacgaggcgc acaaccatca agttctata 29
 <210> 1674
 <211> 35
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1674
 ggaatcgta ctactgaccc tttgggtata aacac 35

<210> 1675
 <211> 32
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1675
 tcttttttac agactctctc aagtctatta cc 32
 <210> 1676
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1676
 tatagaactt gatggttgtg cgc 23
 <210> 1677
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1677
 aacgaggcgc acaaccatca agttcta 27
 <210> 1678
 <211> 34
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1678
 tatctttttt acagactctc tcaagtctat tacc 34

<210> 1679
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1679
 tagaacttga tggttgtgcg c 21
 <210> 1680
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1680
 cagtcacgtc tcctcggcag ggc 23
 <210> 1681
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1681
 cacaatatcg taggtaggag gtgccttaa 29
 <210> 1682
 <211> 17
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1682
 gccctgccga ggagacg 17

<210>	1683	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1683	
	cagtcacgtc tcctcggcag gg	22
<210>	1684	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1684	
	ccccatcgat ctctctctg	19
<210>	1685	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1685	
	ccctgccgag gagacg	16
<210>	1686	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1686	
	cagtcacgtc tcctcggcag g	21

<210>	1687	
<211>	18	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1687	
	gccccatcga tctcctcc	18
<210>	1688	
<211>	15	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1688	
	cctgccgagg agacg	15
<210>	1689	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1689	
	cagtcacgtc tcctcggcag	20
<210>	1690	
<211>	18	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1690	
	ggccccatcg atctcctc	18

<210>	1691	
<211>	14	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1691	
	ctgccgagga gacg	14
<210>	1692	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1692	
	ccgtcacgcc tcctcggcag g	21
<210>	1693	
<211>	15	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1693	
	cctgccgagg aggcg	15
<210>	1694	
<211>	18	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1694	
	gccccatcga tctcctcc	18

<210> 1695
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1695
 ccgtcacgcc tcctcggcag g 21
 <210> 1696
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1696
 ccgtcacgcc tcggcttggtg tgttc 25
 <210> 1697
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1697
 ccgggatagg ttcagggagg cgtc 24
 <210> 1698
 <211> 18
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1698
 ggtttcatgg gggtcctt 18

<210>	1699	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1699	
	gaacacacaa gccgaggcg	19
<210>	1700	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1700	
	ccgtcacgcc tcgcctttgt ttgg	24
<210>	1701	
<211>	18	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1701	
	ccaaacaaag gcgaggcg	18
<210>	1702	
<211>	34	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1702	
	gggcaacatt gacataaagt gtttgcgtac tctc	34

<210> 1703
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1703
 gttcgaattc catgtcatc 19
 <210> 1704
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1704
 ccgtcacgcc tcgcctttgt ttg 23
 <210> 1705
 <211> 17
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1705
 caaacaagg cgaggcg 17
 <210> 1706
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1706
 ggttcgaatt ccatgtcatc 20

<210> 1707
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1707
 aacgaggcgc acgctcctgg aagatg 26
 <210> 1708
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1708
 catcttcag gagcgtgcgc c 21
 <210> 1709
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1709
 cacttgattt tggagggatc tca 23
 <210> 1710
 <211> 14
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic

<220>
 <221> modified_base
 <222> (13)..(13)
 <223> The modified nucleotide at this position is biotinylated thymidin
 e
 <400> 1710
 aaaagtggct cctc 14
 <210> 1711
 <211> 16
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> modified_base
 <222> (15)..(15)
 <223> The modified nucleotide at this position is biotinylated thymidin
 e
 <400> 1711
 aaaagaggct ccgctc 16
 <210> 1712
 <211> 16
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> modified_base
 <222> (15)..(15)
 <223> The modified nucleotide at this position is biotinylated thymidin
 e
 <400> 1712
 aaaatgtacg ccgctc 16

<210> 1713
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> modified_base
 <222> (18) .. (18)
 <223> The modified nucleotide at this position is biotinylated thymidin
 e
 <400> 1713
 aaaagatacg ccacagctc 19
 <210> 1714
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> modified_base
 <222> (19) .. (19)
 <223> The modified nucleotide at this position is biotinylated thymidin
 e
 <400> 1714
 aaaaccaacc gtatgaactc 20
 <210> 1715
 <211> 17
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic

<220>
 <221> modified_base
 <222> (16)..(16)
 <400> 1715
 aaaatcatac gccactc 17
 <210> 1716
 <211> 32
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1716
 cggaggaagc agttggtgtg cctcgttgcc tt 32
 <210> 1717
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1717
 cggaggaagc agttggtgcc cctcgttaa 29
 <210> 1718
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1718
 cggaagaagc agttggtgcg cctcgttaa 29
 <210> 1719
 <211> 29
 <212> DNA

<213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1719
 cggaagaagc agttggtgcg cctcgtaa
 <210> 1720
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1720
 cggaagaagc agttggtgcg cctcgtaa
 <210> 1721
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1721
 cggaagaagc agttggtgcg cctcgtaa
 <210> 1722
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1722
 cggaagaagc agttggtgcg cctcgtaa
 <210> 1723
 <211> 28
 <212> DNA

29

29

29

29

<213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1723
 cggaagaagc agttggaggc gtgacggt 28
 <210> 1724
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1724
 cggaagaagc agttggaggc gtgacgga 28
 <210> 1725
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1725
 cggaagaagc agttggaggc gtgacgga 28
 <210> 1726
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1726
 cggaagaagc agttggaggc gtgacggt 28
 <210> 1727
 <211> 28
 <212> DNA

<213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1727
 cggaagaagc agttggaggc gtgacggt 28
 <210> 1728
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1728
 cggaagaagc agttggaggc gtgacggt 28
 <210> 1729
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1729
 cggaagaagc agttggaggc gtgacgga 28
 <210> 1730
 <211> 12
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (4)..(4)
 <223> The residue at this position is linked to a spacer bearing a Cy3
 dye
 <400> 1730
 caacgcttcc tc 12

<210> 1731
 <211> 13
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (4)..(4)
 <223> The residue at this position is linked to a spacer bearing a Cy3
 dye
 <400> 1731
 caacgcttcc tcc 13
 <210> 1732
 <211> 14
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (4)..(4)
 <223> The residue at this position is linked to a spacer bearing a Cy3
 dye
 <400> 1732
 caacgcttcc tccg 14
 <210> 1733
 <211> 16
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic

<220>
 <221> misc_feature
 <222> (4)..(4)
 <223> The residue at this position is linked to a spacer bearing a Cy3 dye
 <400> 1733
 caacgcttcc tccguu 16
 <210> 1734
 <211> 18
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1734
 caacgcttcc tccguuuu 18
 <210> 1735
 <211> 14
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (4)..(4)
 <223> The residue at this position is linked to a spacer bearing a Cy3 dye
 <400> 1735
 caacgcttcc tccg 14
 <210> 1736
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic

<220>
 <221> misc_feature
 <222> (30)..(30)
 <223> The residue at this position is attached to a C18 linker.
 <220>
 <221> modified_base
 <222> (31)..(31)
 <223> The modified nucleotide at this position is dideoxy cytosine.
 <400> 1736
 cgaaattaat acgccttctt gggcatgtac c 31
 <210> 1737
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (30)..(30)
 <223> The residue at this position is linked to a C18 linker.
 <220>
 <221> modified_base
 <222> (31)..(31)
 <223> The modified nucleotide at this position is dideoxy cytosine.
 <400> 1737
 cgaaattaat acgccttctt gggcatgtac c 31
 <210> 1738
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic

<220>
 <221> modified_base
 <222> (23)..(23)
 <223> The modified nucleotide at this position is dideoxy cytosine.
 <400> 1738
 ctgaagatgt ttcagttctg tgc 23
 <210> 1739
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1739
 gaagatgttt cagttctgtg gc 22
 <210> 1740
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1740
 tcacttccta ccttcttggg catgtaa 27
 <210> 1741
 <211> 30
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1741
 tcacttccta ccttcttggg catgtaaaac 30

<210> 1742
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (27)..(27)
 <223> The residue at this position is attached to a C18 linker.
 <220>
 <221> modified_base
 <222> (28)..(28)
 <223> The modified nucleotide at this position is dideoxy cytosine.
 <400> 1742
 tcacttccta ccttcttggg catgtaac 28
 <210> 1743
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> modified_base
 <222> (22)..(22)
 <223> The modified nucleotide at this position is dideoxy cytosine.
 <400> 1743
 gaagatgttt cagttctgtg gc 22

<210> 1744
<211> 27
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 1744
acttcctact taattccatt caaaatc

27

<210> 1745
<211> 28
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthetic
<220>
<221> misc_feature
<222> (27)..(27)
<223> The residue at this position is attached to a C18 linker.
<220>
<221> modified_base
<222> (28)..(28)
<223> The modified nucleotide at this position is dideoxy cytosine.
<400> 1745
acttcctact taattccatt caaaatcc

28

<210> 1746
<211> 24
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthetic

<220>
 <221> modified_base
 <222> (24)..(24)
 <223> The modified nucleotide at this position is dideoxy cytosine.
 <400> 1746
 gagtttggga ttcttgtaat tatc 24
 <210> 1747
 <211> 36
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1747
 cgtgttctgt ggcgtatctt aattccattc aaaatc 36
 <210> 1748
 <211> 36
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1748
 cgtgttctgt ggcgtatctt aattccattc aaaatc 36
 <210> 1749
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic

<220>
 <221> modified_base
 <222> (24)..(24)
 <223> The modified nucleotide at this position is dideoxy cytosine.
 <400> 1749
 gagtttggga ttcttgtaat tatc 24
 <210> 1750
 <211> 41
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1750
 cgtgttctgt ggcgtatctt aattccattc aaaatcatct g 41
 <210> 1751
 <211> 41
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1751
 cgtgttctgt ggcgtatctt aattccattc aaaatcatct g 41
 <210> 1752
 <211> 39
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1752
 cgtgttctgt ggcgtatctt aattccattc aaaatcatc 39

<210> 1753
 <211> 39
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1753
 cgtgttctgt ggcgtatctt aattccattc aaaatcatc 39
 <210> 1754
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> modified_base
 <222> (24)..(24)
 <223> The modified nucleotide at this position is dideoxy cytosine.
 <400> 1754
 gagtttgga ttcttgtaat tate 24
 <210> 1755
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1755
 ttctactct tgatcttcat tgtgc 25

<210> 1756
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1756
 ctcaggagga gcaatgatct t 21
 <210> 1757
 <211> 18
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1757
 ctcaggagga gcaatgat 18
 <210> 1758
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (28)..(28)
 <223> The residue at this position is attached to a C18 linker.
 <220>
 <221> modified_base
 <222> (29)..(29)
 <223> The modified nucleotide at this position is dideoxy cytosine.
 <400> 1758
 tcacttccta ctctgggtca tcttctcgc 29

<210> 1759
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (28)..(28)
 <223> The residue at this position is attached to a C18 linker.
 <220>
 <221> modified_base
 <222> (28)..(28)
 <223> The modified nucleotide at this position is dideoxy cytosine.
 <400> 1759
 tcacttcta ctctgggtca tcttctgc 29
 <210> 1760
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> modified_base
 <222> (24)..(24)
 <223> The modified nucleotide at this position is dideoxy cytosine.
 <400> 1760
 gtgttgaagg tctcaaacaat gatc 24
 <210> 1761
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic
 <220>
 <221> modified_base
 <222> (26)..(26)
 <223> The modified nucleotide at this position is dideoxy cytosine.
 <400> 1761
 ggggtgttgaa ggtctcaaac atgac 26
 <210> 1762
 <211> 33
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1762
 cgtgttctgt ggcgtatctg ggatcatcttc tcg 33
 <210> 1763
 <211> 33
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1763
 cgtgttctgt ggcgtatctg ggatcatcttc tcg 33
 <210> 1764
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic

<220>
 <221> modified_base
 <222> (26)..(26)
 <223> The modified nucleotide at this position is dideoxy cytosine.
 <400> 1764
 ggggtgttgaa ggtctcaaac atgac 26
 <210> 1765
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1765
 ttcatacggg ttgtagttga ggtcaatg 28
 <210> 1766
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1766
 ttcatacggg ttgtagttga ggtcaatg 28
 <210> 1767
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1767
 ggaatcatat tggaacatgt aaaccatc 28

<210> 1768
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1768
 ttcatacggg tggctcctgg aagatg 26
 <210> 1769
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1769
 ttcatacggg tggctcctgg aagatg 26
 <210> 1770
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1770
 cacttgattt tggagggatc tca 23
 <210> 1771
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1771
 ttcatacggg tggtagttga ggtcaatg 28

<210> 1772
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1772
 agaatcatatc tggaaacatgt agaccatc 28
 <210> 1773
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1773
 tggcgtatca tgtagttga 19
 <210> 1774
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1774
 tggcgtatca tgtagttga 19
 <210> 1775
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1775
 ggagtcatac tggaaacatgt agacc 25

<210>	1776	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1776	
	tggcgtatca ttagttga	19
<210>	1777	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1777	
	agtcatactg gaacatgtag aca	23
<210>	1778	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1778	
	ggagtcatac tggaacatgt agaca	25
<210>	1779	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1779	
	tggcgtatct cttttctcat t	21

<210>	1780	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1780	
	tggcgtatct cttttctcat t	21
<210>	1781	
<211>	26	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1781	
	acaatcagaa ttgccattgc acaaca	26
<210>	1782	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1782	
	gaaggcagag gaccgtgagg c	21
<210>	1783	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1783	
	gaaggcagag gaccgtgagg c	21

<210> 1784
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1784
 aagacatctg gtgttgtagt ga 22
 <210> 1785
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1785
 tggcgtatct ccccagagaa agc 23
 <210> 1786
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1786
 tggcgtatct ccccagagaa agc 23
 <210> 1787
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1787
 cactgagccg atgaagcgat ggtaa 25

<210> 1788
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1788
 tggcgtatct agggctccaa gag 23
 <210> 1789
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1789
 tggcgtatct agggctccaa gag 23
 <210> 1790
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1790
 gtgttcaggt tttggaggcg gataa 25
 <210> 1791
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1791
 tggcgtatct agggctccaa g 21

<210> 1792
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1792
 tggcgatatct agggctccaa g 21
 <210> 1793
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1793
 gtgttcaggt tttggaggcg gataa 25
 <210> 1794
 <211> 11
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (4)..(4)
 <223> The residue at this position is linked to a spacer bearing a Cy3
 dye
 <400> 1794
 attctctcag a 11

<210> 1795
 <211> 12
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (4)..(4)
 <223> The residue at this position is linked to a spacer bearing a Cy3 dye
 <400> 1795
 attctctcag ac 12
 <210> 1796
 <211> 13
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (4)..(4)
 <223> The residue at this position is linked to a spacer bearing a Cy3 dye
 <400> 1796
 attctctcag act 13
 <210> 1797
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1797
 cagtctgaga tgaatgatac gccagg 26

<210>	1798	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1798	
	cttggagccc tagata	16
<210>	1799	
<211>	15	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1799	
	cttggagccc tagat	15
<210>	1800	
<211>	14	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1800	
	cttggagccc taga	14
<210>	1801	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1801	
	ctggcgtatc tagggctcca	20

<210>	1802	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1802	
	cctggcggtat ctagggctcc a	21
<210>	1803	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1803	
	gtgttcaggt tttggaggcg gataa	25
<210>	1804	
<211>	26	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1804	
	cagtctgaga tgaatgatac gccagg	26
<210>	1805	
<211>	15	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1805	
	cttggagccc tagat	15

<210> 1806
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1806
 ctctctcgtc tctagggtc ca 22
 <210> 1807
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1807
 ctctctcgtc tctagggtc ca 22
 <210> 1808
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1808
 gtgttcaggt tttggaggcg gataa 25
 <210> 1809
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1809
 cagtctgaga tgaatgagac gagagagt 28

<210> 1810
 <211> 15
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1810
 cttggagccc tagag 15
 <210> 1811
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1811
 tggcgtatct agggctcca 19
 <210> 1812
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1812
 tggcgtatct agggctcca 19
 <210> 1813
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1813
 gtgttcaggt tttggaggcg gataa 25

<210> 1814
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1814
 tggcgtatct ccccagagaa a 21
 <210> 1815
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1815
 tggcgtatct ccccagaga 19
 <210> 1816
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1816
 cactgagccg atgaagcgat ggtaa 25
 <210> 1817
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1817
 tggcgtatct atagggctc 19

<210>	1818	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1818	
	gtgtgttcag gttttggagg cggaa	25
<210>	1819	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1819	
	ctctctcgtc tcttcaggtt ttg	23
<210>	1820	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1820	
	ggcagctctc aggtcaggtg tga	23
<210>	1821	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1821	
	aggcagctct caggtcaggt gtga	24

<210> 1822
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1822
 cagtctgaga tgaatgagac gagagagt 28
 <210> 1823
 <211> 12
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (4)..(4)
 <223> The residue at this position is linked to a spacer bearing a Cy3
 dye
 <400> 1823
 attctctcag ac 12
 <210> 1824
 <211> 15
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1824
 caaaacctga agaga 15

<210>	1825	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1825	
	caaaacctga agagac	16
<210>	1826	
<211>	17	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1826	
	caaaacctga agagacg	17
<210>	1827	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1827	
	ctctctcgtc tcttcaggtt ttg	23
<210>	1828	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1828	
	ctctctcgtc tcttcaggtt ttg	23

<210>	1829	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1829	
	ggcagctctc aggtcaggtg tga	23
<210>	1830	
<211>	17	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1830	
	gaggcggata tagggct	17
<210>	1831	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1831	
	ctctctcgtc ttctaaggac tta	23
<210>	1832	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1832	
	ctctctcgtc ttctaaggac ttac	24

<210> 1833
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1833
 gaaacaggag tgcaaggacc agaca 25
 <210> 1834
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1834
 tcacgtctct tcaggttttg 20
 <210> 1835
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1835
 gtcacgtctc ttcaggtttt g 21
 <210> 1836
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1836
 agtcacgtct cttcaggttt tg 22

<210> 1837
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1837
 cagtcacgtc tcttcagggtt ttg 23
 <210> 1838
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1838
 aggcagctct caggtcagggt gtga 24
 <210> 1839
 <211> 14
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (4)..(4)
 <223> The residue at this position is linked to a spacer bearing a Cy3
 dye
 <400> 1839
 caacgcttcc tccg 14

<210> 1840
 <211> 30
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1840
 cggaggaagc agttggagac gtgactgtgg 30
 <210> 1841
 <211> 30
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1841
 cggaagaagc agttggagac gtgactgtgg 30
 <210> 1842
 <211> 30
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1842
 cggacgaagc agttggagac gtgactgtgg 30
 <210> 1843
 <211> 14
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic

<220>
 <221> misc_feature
 <222> (4)..(4)
 <223> The residue at this position is linked to a spacer bearing a Cy3 dye
 <400> 1843
 caacgcttcc tccg 14
 <210> 1844
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1844
 cggaagaagc agttggtgcg cctcggttaa 29
 <210> 1845
 <211> 14
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (4)..(4)
 <223> The residue at this position is linked to a spacer bearing a Cy3 dye
 <400> 1845
 caacgcttcc tccg 14
 <210> 1846
 <211> 28
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic
 <400> 1846
 cggaagaagc agttggaggc gtgacggt 28
 <210> 1847
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1847
 aacgaggcgc acgatgtcca tcga 24
 <210> 1848
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1848
 ttcttggtgt tcttttactt tctc 24
 <210> 1849
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1849
 gcaatcaata aagtcccgag ggttggtc 28
 <210> 1850
 <211> 18
 <212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1850

tcgatggaca tcgtgcgc

18

<210> 1851

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1851

ccgtcacgcc tctcacccat ct

22

<210> 1852

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1852

ctggtcgccg cacct

15

<210> 1853

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1853

tgtagggcat gtgagcctgg a

21

<210>	1854	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1854	
	agatgggaga gaggcg	16
<210>	1855	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1855	
	ccgtcacgcc tcgaagccct gt	22
<210>	1856	
<211>	27	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1856	
	acttcgatgt cacgggatgt catatgg	27
<210>	1857	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1857	
	gagtgtcggt cccttaggga tgcgc	25

<210>	1858	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1858	
	acagggcttc gaggcg	16
<210>	1859	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1859	
	ccgtcacgcc tccctgctga gaaag	25
<210>	1860	
<211>	15	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1860	
	gcaggaaggc ctccg	15
<210>	1861	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1861	
	cccgaggcat gcacggcgga	20

<210>	1862	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1862	
	ctttctcagc agggaggcg	19
<210>	1863	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic.	
<400>	1863	
	ccgtcacgcc tccctgctga gaaa	24
<210>	1864	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1864	
	ccgtcacgcc tccctgctga gaaa	24
<210>	1865	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1865	
	ccgtcacgcc tccctgctga gaaa	24

<210> 1866
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1866
 cccgagggcat gcacggcgga 20
 <210> 1867
 <211> 15
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1867
 ggcaggaagg cctcc 15
 <210> 1868
 <211> 18
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1868
 tttctcagca gggaggcg 18
 <210> 1869
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1869
 ccgtcacgcc tccctgctga ga 22

<210>	1870	
<211>	17	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1870	
	aaggcaggaa ggcctcc	17
<210>	1871	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1871	
	tctcagcagg gaggcg	16
<210>	1872	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1872	
	ccgtcacgcc tccctgctga gaa	23
<210>	1873	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1873	
	aggcaggaag gcctgg	16

<210>	1874	
<211>	17	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1874	
	ttctcagcag ggaggcg	17
<210>	1875	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1875	
	ccgtcacgcc tccctgctga gaaag	25
<210>	1876	
<211>	15	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1876	
	gcaggaaggc ctccg	15
<210>	1877	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1877	
	ctttctcagc agggaggcg	19

<210> 1878
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1878
 aacgaggcgc accaccatat ccc 23
 <210> 1879
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1879
 ccagcgggtt ccattggcaa agatcaa 27
 <210> 1880
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1880
 cggaagaatg ggtcgaccat g 21
 <210> 1881
 <211> 17
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1881
 gggatatggt ggtgcgc 17

<210> 1882
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1882
 ccgtcacgcc tccaccatat ccc 23
 <210> 1883
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1883
 ccgtcacgcc tccaccatat ccc 23
 <210> 1884
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1884
 ccgtcacgcc tccaccatat ccc 23
 <210> 1885
 <211> 17
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1885
 gggatatggt ggaggcg 17

<210>	1886	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1886	
	aacgaggcgc accagagctg atgag	25
<210>	1887	
<211>	29	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1887	
	gagaagagct caaacagctg gccgaataa	29
<210>	1888	
<211>	28	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1888	
	tgaaaaagtc tggtagaaca agttcagc	28
<210>	1889	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1889	
	ctcatcagct ctggtgcgc	19

<210>	1890	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1890	
	ccgtcacgcc tccagagctg atgag	25
<210>	1891	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1891	
	ctcatcagct ctggaggcg	19
<210>	1892	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1892	
	aacgaggcgc acccttgat ttc	23
<210>	1893	
<211>	27	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1893	
	ctgttcaatc tccctgtaga ctctcta	27

<210> 1894

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1894
cgaagctcct ctatcag

17

<210> 1895

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1895
gaaatccaag ggtgcgc

17

<210> 1896

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1896
ccgtcacgcc tcccttgat ttc

23

<210> 1897

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1897
gaaatccaag ggaggcg

17

<210>	1898	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1898	
	aacgaggcgc actgagggcc	20
<210>	1899	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1899	
	ggaagaggaa ggtgggggtcc aa	22
<210>	1900	
<211>	17	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1900	
	cccttgatt tccgaag	17
<210>	1901	
<211>	14	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1901	
	ggccctcagt gcgc	14

<210> 1902
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1902
 ccgtcacgcc tctgagggcc 20
 <210> 1903
 <211> 14
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1903
 ggccctcaga ggcg 14
 <210> 1904
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1904
 aacgaggcgc acaatacaga gctg 24
 <210> 1905
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1905
 gagaagagct caaacagctg gccgc 25

<210> 1906
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1906
 atgagtga aa aagtctggta gaac 24
 <210> 1907
 <211> 18
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1907
 cagctctgta ttgtgcgc 18
 <210> 1908
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1908
 ccgtcacgcc tcaatacaga gctg 24
 <210> 1909
 <211> 18
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1909
 cagctctgta ttgaggcg 18

<210>	1910	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1910	
	aacgagcgcg acggttgagg ttctg	25
<210>	1911	
<211>	28	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1911	
	cagcaaagaa gagcgagagc gtgttgac	28
<210>	1912	
<211>	18	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1912	
	gtggctgaat tcactgtg	18
<210>	1913	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1913	
	cagaacctca accgtgcgc	19

<210>	1914	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1914	
	ccgtcacgcc tcggttgagg ttctg	25
<210>	1915	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1915	
	cagaacctca accgaggcg	19
<210>	1916	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1916	
	ccgtcacgcc tccaccatat ccccg	25
<210>	1917	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1917	
	ccgtcacgcc tccaccatat ccc	23

<210> 1918
 <211> 17
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1918
 cggaagaatg ggtcgac 17
 <210> 1919
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1919
 cggaagaatg ggtcgaccat g 21
 <210> 1920
 <211> 17
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1920
 gggatatggt ggaggcg 17
 <210> 1921
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1921
 ccagcggttt ccattggcaa agatcaa 27

<210> 1922
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1922
 cggggatatg gtggaggcg 19
 <210> 1923
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1923
 ccgtcacgcc tccagagctg atgag 25
 <210> 1924
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1924
 gagaagagct caaacagctg gccgaataa 29
 <210> 1925
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1925
 tgaaaaagtc tggtagaaca agttcagc 28

<210> 1926

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1926

ctcatcagct ctggaggcg

19

<210> 1927

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1927

ccgtcacgcc tcagatgact gcc

23

<210> 1928

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1928

ggagaaggct ggaaaatctc tgaatctcat c

31

<210> 1929

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1929

tctgtgtatg gcattttggc tcgg

24

<210>	1930	
<211>	17	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1930	
	ggcagtcacg tgaggcg	17
<210>	1931	
<211>	28	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1931	
	cgcgcacgcc tccatcctta atatctat	28
<210>	1932	
<211>	26	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1932	
	gagagattgg ttaaggattt gctgaa	26
<210>	1933	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1933	
	ctgtaggata tttccaatca ctggg	25

<210>	1934	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1934	
	atagatatta aggatggagg cg	22
<210>	1935	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1935	
	aacgaggcgc accgttccag gc	22
<210>	1936	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1936	
	catatccatg cagcaccacc atga	24
<210>	1937	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1937	
	caaaatacag agtgaacaca gggcc	25

<210>	1938	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1938	
	gcctggaacg gtgcgc	16
<210>	1939	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1939	
	aacgaggcgc accgttccag g	21
<210>	1940	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1940	
	catatccatg cagcaccacc atga	24
<210>	1941	
<211>	26	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1941	
	ccaaaataca gagtgaacac agggcc	26

<210> 1942
 <211> 15
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1942
 cctggaacgg tgcgc 15
 <210> 1943
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1943
 aacgaggcgc accgttccag gc 22
 <210> 1944
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1944
 aacgaggcgc accgttccag gc 22
 <210> 1945
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1945
 aacgaggcgc accgttccag gc 22

<210> 1946
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1946
 caaaatacag agtgaacaca gggcc 25
 <210> 1947
 <211> 16
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1947
 gcctggaacg gtgcgc 16
 <210> 1948
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1948
 ccgtcacgcc tcagattgac tatgctg 27
 <210> 1949
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1949
 cagtaacctc cccaaactca ttgcttc 27

<210> 1950
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1950
 agcagctctt ggtcatcgt 19
 <210> 1951
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1951
 cagcatagtc aatctgaggc g 21
 <210> 1952
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1952
 aacgaggcgc actgacattc tccac 25
 <210> 1953
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1953
 gtccacagca ttccctgagg a 21

<210> 1954
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1954
 aaagtccttg ctgctcttc 19
 <210> 1955
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1955
 gtggagaatg tcagtgcgc 19
 <210> 1956
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1956
 aacgaggcgc actggcttga caca 24
 <210> 1957
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1957
 gtcaatgtcc ttgggagcca aaa 23

<210>	1958	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1958	
	gagaagttct ggaggatggt gg	22
<210>	1959	
<211>	18	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1959	
	tgtgtcaagc cagtgcgc	18
<210>	1960	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1960	
	aacgaggcgc actggcttga cacag	25
<210>	1961	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1961	
	agaagttctg gaggatggtg g	21

<210>	1962	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1962	
	ctgtgtcaag ccagtgcgc	19
<210>	1963	
<211>	28	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1963	
	aacgaggcgc acgaggaaca attcattt	28
<210>	1964	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1964	
	gttctggagg atggtggtga agaac	25
<210>	1965	
<211>	15	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1965	
	cgggcaatgc cttcg	15

<210> 1966
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1966
 aaatgaattg ttcctcgtgc gc 22
 <210> 1967
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1967
 aacgaggcgc acgaggaaca attcatttc 29
 <210> 1968
 <211> 14
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1968
 gggcaatgcc ttcg 14
 <210> 1969
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1969
 gaaatgaatt gttcctcgtg cgc 23

<210>	1970	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1970	
	aacgaggcgc acagctgaga agcag	25
<210>	1971	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1971	
	gcctcagccg gatcaccgc	19
<210>	1972	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1972	
	gcctcagccc gatcaccgc	19
<210>	1973	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1973	
	atctggtacg ttggaggat t	21

<210>	1974	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1974	
	atctggtatg ttggaggtat t	21
<210>	1975	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1975	
	ctgcttctca gctctgcgc	19
<210>	1976	
<211>	27	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1976	
	ccgtcacgcc tcgtcgaaac gtttggt	27
<210>	1977	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	1977	
	cctcagacac ttcttgatc tgtac	25

<210> 1978
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1978
 gaagaggata tccgcaatga cattgc 26
 <210> 1979
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1979
 aacaaacgtt tcgacgaggc g 21
 <210> 1980
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1980
 ccgtcacgcc tcgtcgaaac gtttggtgaa g 31
 <210> 1981
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1981
 cttcaacaaa cgtttcgacg aggcg 25

<210> 1982
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1982
 ccgtcacgcc tctccatct ctatg 25
 <210> 1983
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1983
 gttcttggct gtgtttttcc tta 23
 <210> 1984
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1984
 aggagacagt cagtcacatc 20
 <210> 1985
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1985
 catagagatg gaggaggcg 19

<210> 1986
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1986
 ccgtcacgcc tcctccatct ctatgag 27
 <210> 1987
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1987
 ctcatagaga tggaggaggc g 21
 <210> 1988
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1988
 ccgtcacgcc tcctcttcaa tttctg 26
 <210> 1989
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1989
 ccctgtcaat ttcttcatga agttta 26

<210> 1990
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1990
 ggtatttcac gaggatcagg agc 23
 <210> 1991
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1991
 ccagaaattg aagaggaggc g 21
 <210> 1992
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1992
 ccgtcacgcc tcctcttcaa tttctg 26
 <210> 1993
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1993
 ccgtcacgcc tcctcttcaa tttctg 26

<210> 1994
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1994
 ccgtcacgcc tcctcttcaa tttctgg 27
 <210> 1995
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1995
 cagaaattga agaggaggcg 20
 <210> 1996
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1996
 ccgtcacgcc tcctcttcaa tttct 25
 <210> 1997
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1997
 ccctgtcaat ttcttcatga agttta 26

<210> 1998
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1998
 gggatatttca tgaggatcag gag 23
 <210> 1999
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 1999
 agaaattgaa gaggaggcg 19
 <210> 2000
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2000
 ccgtcacgcc tcgttcctgg gt 22
 <210> 2001
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2001
 gagcaaacct catgccaatg cac 23

<210>	2002	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2002	
	gagcaaacct catgtcaatg cac	23
<210>	2003	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2003	
	gagcaaacct catgccata cac	23
<210>	2004	
<211>	17	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2004	
	ccatttccaa agggcag	17
<210>	2005	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2005	
	ccattcccaa gggcag	16

<210>	2006	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2006	
	acccaggaac gaggcg	16
<210>	2007	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2007	
	ccgtcacgcc tcgttcctgg gtc	23
<210>	2008	
<211>	17	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2008	
	gacccaggaa cgaggcg	17
<210>	2009	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2009	
	ccgtcacgcc tctgagagca aacct	25

<210>	2010	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2010	
	agagcgagtt tcatattcaa	20
<210>	2011	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2011	
	agagcaactt tcatgttcaa	20
<210>	2012	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2012	
	acagcaagtt tcatgctgaa	20
<210>	2013	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2013	
	catgccaatg cagttcctg	19

<210>	2014	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2014	
	catgtcaatg cagttcctg	19
<210>	2015	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2015	
	catgccata cagttcctg	19
<210>	2016	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2016	
	aggtttgctc tccgaggcg	19
<210>	2017	
<211>	27	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2017	
	ccgtcacgcc tctgagagca aacctca	27

<210> 2018
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2018
 tgaggtttgc tctcagaggc g 21
 <210> 2019
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2019
 ccgtcacgcc tcggaacatc tcct 24
 <210> 2020
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2020
 tgtctccata ctgttcaatg atggc 25
 <210> 2021
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2021
 tatctgtata ctggttaatg atggc 25

<210> 2022
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2022
 tatctccata ctgtctcatg agggc 25
 <210> 2023
 <211> 17
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2023
 tgagtcttcc actggtg 17
 <210> 2024
 <211> 17
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2024
 tgagcttccc actggtg 17
 <210> 2025
 <211> 17
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2025
 tgagtttgcc actggtg 17

<210> 2026
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2026
 ccgtcacgcc tcggaacatc tccttga 27
 <210> 2027
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2027
 tcaaggagat gttccgaggc g 21
 <210> 2028
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2028
 ccgtcacgcc tcgttctctgg g 21
 <210> 2029
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2029
 gagcaaacct catgccaatg cac 23

<210>	2030	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2030	
	gagcaaacct catgtcaatg cac	23
<210>	2031	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2031	
	gagcaaacct catgccaata cac	23
<210>	2032	
<211>	18	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2032	
	tccatttcca aagggcag	18
<210>	2033	
<211>	18	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2033	
	tccatttcca aagggcag	18

<210> 2034

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2034
cccaggaacg aggcg

15

<210> 2035

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2035
ccgtcacgcc tcctgtctgt gat

23

<210> 2036

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2036
ccgtcacgcc tcctgtctgt gat

23

<210> 2037

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2037
ccgtcacgcc tcctgtctgt gat

23

<210>	2038	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2038	
	tcctgacaat gctcaatgag ga	22
<210>	2039	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2039	
	tcctgacagt gctcaatcag ga	22
<210>	2040	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2040	
	gtcccggatg tggccc	16
<210>	2041	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2041	
	acatcacaga caggaggcg	19

<210> 2042
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2042
 ccgtcacgcc tcctgtctgt gatg 24
 <210> 2043
 <211> 16
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2043
 tcccggatgt ggcct 16
 <210> 2044
 <211> 18
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2044
 catcacagac aggaggcg 18
 <210> 2045
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2045
 ccgtcacgcc tcctgtctgt gatgt 25

<210>	2046	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2046	
	gtccccggatg tggccc	16
<210>	2047	
<211>	17	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2047	
	atcacagaca ggaggcg	17
<210>	2048	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2048	
	ccgtcacgcc tctggccctt c	21
<210>	2049	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2049	
	ctgtctgtga tgtccccgat ga	22

<210> 2050
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2050
 tcaaattgtcc ttagtgctc 20
 <210> 2051
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2051
 tcaaagggtt ttagtgctc 20
 <210> 2052
 <211> 15
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2052
 gaagggccag aggcg 15
 <210> 2053
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2053
 ccgtcacgcc tctggccctt ctc 23

<210>	2054	
<211>	17	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2054	
	gagaagggcc agaggcg	17
<210>	2055	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2055	
	ccgtcacgcc tctgtctgt gatgt	25
<210>	2056	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2056	
	tcctgacaat gctcaatgag ga	22
<210>	2057	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2057	
	tcctgacagt gctcaatcag ga	22

<210>	2058	
<211>	15	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2058	
	cccggatgtg gccct	15
<210>	2059	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2059	
	acatcacaga caggaggcg	19
<210>	2060	
<211>	26	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2060	
	aacgaggcgc acggactggt ttctgc	26
<210>	2061	
<211>	26	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2061	
	aacgaggcgc acggactggt ttctgc	26

<210> 2062
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2062
 aacgaggcgc acggactggt ttctgc 26
 <210> 2063
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2063
 cttgttgaag tcttgatagt gttcctc 27
 <210> 2064
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2064
 cttgtcaaag tcttgatagt gttcctc 27
 <210> 2065
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2065
 gcagaaaaca gtccgtgcgc 20

<210> 2066

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2066

aacgaggcgc acgatgtcca tcg

23

<210> 2067

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2067

gcaatcaata aagtcgccgag ggttggtc

28

<210> 2068

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2068

attcttggtg ttcttttact ttctc

25

<210> 2069

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2069

cgatggacat cgtgcgc

17

<210> 2070
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2070
 aacgaggcgc accaaactca ctcatggct 29
 <210> 2071
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2071
 agccatgagt gagtttggtg cg 22
 <210> 2072
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2072
 aacgaggcgc accaaactca ctcatggc 28
 <210> 2073
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2073
 gccatgagtg agtttggtgc g 21

<210>	2074	
<211>	17	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2074	
	gccatgagtg agtttgg	17
<210>	2075	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2075	
	gccatgagtg agtttggtg	19
<210>	2076	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2076	
	gccatgagtg agtttggtgc g	21
<210>	2077	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2077	
	gccatgagtg agtttggtgc gcc	23

<210> 2078
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2078
 aacgaggcgc accaaactca ctcatgg 27
 <210> 2079
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2079
 ctttgtagat gccttctctt ggagc 25
 <210> 2080
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2080
 ccatgagtga gtttggtgcg 20
 <210> 2081
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2081
 aacgaggcgc accaaactca ctcatg 26

<210> 2082

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2082

gctttgtaca tgccttctct tggag

25

<210> 2083

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2083

catgagttag tttggtgag

19

<210> 2084

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2084

aacgaggcgc accaaactca ctcac

25

<210> 2085

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2085

ggctttgtac atgccttctc ttgga

25

<210> 2086
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2086
 ggctttgtag atgcctttct cttgga 26
 <210> 2087
 <211> 18
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2087
 atgagtgagt ttggtgcg 18
 <210> 2088
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2088
 ccgtcacgcc tccaaactca ctcac 25
 <210> 2089
 <211> 18
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2089
 atgagtgagt ttggaggc 18

<210> 2090
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2090
 taggcttcta tgtagttgat gaagatgta 29
 <210> 2091
 <211> 35
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2091
 gtcatgtagg cttctatgta gttgatgaag atgta 35
 <210> 2092
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2092
 aacgaggcgc actctcctgt gacctcg 27
 <210> 2093
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2093
 cgaggtcaca ggagagtgcg 20

<210>	2094	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2094	
	aacgaggcgc actctcctgt gacct	25
<210>	2095	
<211>	18	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2095	
	aggtcacagg agagtgcg	18
<210>	2096	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2096	
	cagtcacgtc tctctcctgt gacct	25
<210>	2097	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2097	
	aggtcacagg agagagacg	19

<210>	2098	
<211>	18	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2098	
	aggtcacagg agagagac	18
<210>	2099	
<211>	26	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2099	
	aaccagtcgt acgtctcctg tgacct	26
<210>	2100	
<211>	18	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2100	
	aggtcacagg agacgtac	18
<210>	2101	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2101	
	ccagtcgtac gtctcctgtg acct	24

<210>	2102	
<211>	18	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2102	
	aggtcacagg agagtgcg	18
<210>	2103	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2103	
	aaccacccgc actctcctgt gacct	25
<210>	2104	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2104	
	aacgaggcgc actctcctgt gacc	24
<210>	2105	
<211>	17	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2105	
	ggtcacagga gagtgcg	17

<210> 2106
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2106
 aacgaggcgc actctcctgt ga 22
 <210> 2107
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2107
 cctcgggttca aaatgccgat gatctctc 28
 <210> 2108
 <211> 16
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2108
 tcacaggaga gtgcgc 16
 <210> 2109
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2109
 atccatctcc gtgcatggcg tcccta 26

<210> 2110
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2110
 atccatctcc gtgaatggcg tcccta 26
 <210> 2111
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2111
 aacgaggcgc accccttctc ctgtgac 27
 <210> 2112
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2112
 gtcacaggag aagggtgcg 20
 <210> 2113
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2113
 aacgaggcgc accccttctc ctgt 24

<210> 2114
 <211> 17
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2114
 acaggagaag ggggtgcg 17
 <210> 2115
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2115
 ggcacatcca tctccgtgca tggcgta 27
 <210> 2116
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2116
 ccgtcacgcc tcctcctgtg acctcgt 27
 <210> 2117
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2117
 acgaggtcac aggaggaggc 20

<210> 2118
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2118
 ccgtcacgcc tcctcctgtg acctc 25
 <210> 2119
 <211> 18
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2119
 gaggtcacag gaggaggc 18
 <210> 2120
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2120
 ccgtcacgcc tcctcctgtg acc 23
 <210> 2121
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2121
 tcggttcaaa atgccgatga tctctctca 29

<210> 2122

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2122
ggtcacagga ggaggcg

17

<210> 2123

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2123
ccgtcacgcc tctctctgtg ac

22

<210> 2124

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2124
ctcggttcaa aatgccgatg atctctctca

30

<210> 2125

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2125
gtcacaggag gagggcg

16

<210> 2126
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2126
 acatccatct ccgtgcatgg cgtccctta 29
 <210> 2127
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2127
 cagtcacgtc tctcccttct cct 23
 <210> 2128
 <211> 17
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2128
 aggagaaggg agagacg 17
 <210> 2129
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2129
 gcacatccat ctccgtgcat ggcga 25

<210>	2130	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2130	
	ccgccgagat cactoctgtg acc	23
<210>	2131	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2131	
	ggtcacagga gtgata	16
<210>	2132	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2132	
	ccgtcacgcc tctcctgtga cc	22
<210>	2133	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2133	
	ccgtgcatgg cgtcccttca	20

<210>	2134	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2134	
	ggtcacagga gaggcg	16
<210>	2135	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2135	
	ccgtcacgcc tccctgtgac c	21
<210>	2136	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2136	
	cgtgcatggc gtcccttcta	20
<210>	2137	
<211>	15	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2137	
	ggtcacaggg aggcg	15

<210> 2138
 <211> 33
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2138
 cagtcacgtc tcttagttta caacagttac tct 33
 <210> 2139
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2139
 agagtaactg ttgtaaaact aaagagacg 29
 <210> 2140
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2140
 gcactcaaat gtgttgtcag agccca 26
 <210> 2141
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2141
 cagtcacgtc tctccttttg ccagttcc 28

<210>	2142	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2142	
	ggaactggca aaaggagaga cg	22
<210>	2143	
<211>	27	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2143	
	cagtcacgtc tctccttttg ccagttc	27
<210>	2144	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2144	
	gaactggcaa aaggagagac g	21
<210>	2145	
<211>	26	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2145	
	cagtcacgtc tctccttttg ccagtt	26

<210> 2146

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2146

aactggcaaa aggagagacg

20

<210> 2147

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2147

gctctgcagg attttcatgt caccaa

26

<210> 2148

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2148

ccgccggaga tcactctgac tgacctg

26

<210> 2149

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2149

caggcagtca gagtgatctc gg

22

<210> 2150

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2150

ccgccggaga tcactctgac tgcct

25

<210> 2151

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2151

aggcagtcag agtgatctcg g

21

<210> 2152

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2152

cttgtcactc ggggttcgag aagatgaa

28

<210> 2153

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2153

gccgtcacgc ctctcatctg tttagggcc

29

<210> 2154

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2154

ggccctaaac agatgagagg cgt

23

<210> 2155

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2155

ggccctaaac agatgagagg cgtga

25

<210> 2156

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2156

caggctcctgg aaggagcact a

21

<210> 2157

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2157

gccgtcacgc ctctctcctc attgaatcct

30

<210>	2158	
<211>	26	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2158	
	aggattcaat gaggagagag gcgtga	26
<210>	2159	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2159	
	aggattcaat gaggagagag gcgt	24
<210>	2160	
<211>	29	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2160	
	ccgtcacgcc tctctcctca ttgaatcct	29
<210>	2161	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2161	
	aggattcaat gaggagagag gcg	23

<210> 2162

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2162

gccgtcacgc ctctctctc attgaatcc

29

<210> 2163

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2163

ggattcaatg aggagagagg cgtga

25

<210> 2164

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2164

ggattcaatg aggagagagg cgt

23

<210> 2165

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2165

ccgtcacgcc tctctctca ttgaatcc

28

<210> 2166
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2166
 ggattcaatg aggagagagg cg 22
 <210> 2167
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2167
 ccgtcacgcc tctctoctca ttgaatc 27
 <210> 2168
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2168
 gattcaatga ggagagaggc g 21
 <210> 2169
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2169
 ccgccgagat cactctoctc attgaatc 28

<210> 2170
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2170
 gattcaatga ggagagtgat ctc 23
 <210> 2171
 <211> 34
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2171
 ccaaaagtcc agtgatgatt ttcaccaggc aaga 34
 <210> 2172
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2172
 cggaggaagc agttggtgcg cctcgtaa 29
 <210> 2173
 <211> 14
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic

<220>
 <221> misc_feature
 <222> (4)..(4)
 <223> The residue at this position is linked to a spacer bearing a Cy3 dye

 <400> 2173
 caacgcttcc tccg 14

 <210> 2174
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic

 <400> 2174
 ccaggaagca agtgggtgcgc ctcgttt 27

 <210> 2175
 <211> 13
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (3)..(3)
 <223> The residue at this position is linked to a Z21 quenching group.

 <400> 2175
 cactgcttcg tgg 13

 <210> 2176
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic

<400> 2176
cggaagaagc agttggaggc gtgacggt

28

<210> 2177

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<220>

<221> misc_feature

<222> (4)..(4)

<223> The residue at this position is linked to a spacer bearing a Cy3
dye

<400> 2177
caacgcttcc tccg

14

<210> 2178

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2178
cggaagaagc agttggaggc gtgacggc

28

<210> 2179

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<220>

<221> misc_feature

<222> (4)..(4)

<223> The residue at this position is linked to a spacer bearing a Cy3
dye

<400> 2179	
caacgcttcc tccg	14
<210> 2180	
<211> 27	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic	
<400> 2180	
ccaggaagca agtggaggcg tgacggu	27
<210> 2181	
<211> 13	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic	
<220>	
<221> misc_feature	
<222> (3)..(3)	
<223> The residue at this position is linked to a Z21 quenching group.	
<400> 2181	
cactgcttcg tgg	13
<210> 2182	
<211> 28	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic	
<400> 2182	
cggaggaagc agttggtgat ctcggcgg	28

<210> 2183
 <211> 14
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (4)..(4)
 <223> The residue at this position is linked to a spacer bearing a Cy3 dye

 <400> 2183
 caacgcttcc tccg 14

 <210> 2184
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic

 <400> 2184
 cggaagaagc agttggtgat ctcggcgg 28

 <210> 2185
 <211> 14
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (4)..(4)
 <223> The residue at this position is linked to a spacer bearing a Cy3 dye

 <400> 2185
 caacgcttcc tccg 14

<210> 2186
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2186
 gctactgaga tgaaggagac gtgactgta 29
 <210> 2187
 <211> 14
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (4)..(4)
 <223> The residue at this position is linked to a spacer bearing a Cy3
 dye
 <400> 2187
 cttctctcag tagc 14
 <210> 2188
 <211> 30
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2188
 ccgaggaagc ggttgcgtac gactgggtaa 30

<210> 2189
 <211> 14
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (4)..(4)
 <223> The residue at this position is linked to a spacer bearing a Cy3 dye
 <400> 2189
 caacgcttcc tccg 14
 <210> 2190
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2190
 cggaggaagc ggttggtgcg ggtggttgg 29
 <210> 2191
 <211> 14
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (4)..(4)
 <223> The residue at this position is linked to a spacer bearing a Cy3 dye
 <400> 2191
 caacgcttcc tccg 14

<210> 2192
 <211> 14
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (4)..(4)
 <223> The residue at this position is linked to a spacer bearing a Cy3 dye
 <400> 2192
 caacgcttcc tccg 14
 <210> 2193
 <211> 12
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (4)..(4)
 <223> The residue at this position is linked to a spacer bearing a Cy3 dye
 <400> 2193
 attctctcag ac 12
 <210> 2194
 <211> 14
 <212> DNA

<213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (4)..(4)
 <223> The residue at this position is linked to a spacer bearing a Cy3 dye
 <400> 2194
 taacgcttcc tccg 14
 <210> 2195
 <211> 14
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (3)..(3)
 <223> The residue at this position is linked to a Dabcyl quencher.
 <400> 2195
 caatgcttcc tccg 14
 <210> 2196
 <211> 14
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (3)..(3)
 <223> The residue at this position is linked to a Z21 quenching group.

<400> 2196
ctcttctcag tgcg

14

<210> 2197

<211> 13

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<220>

<221> misc_feature

<222> (3)..(3)

<223> The residue at this position is linked to a Z21 quenching group.

<400> 2197
cactgcttcg tgg

13

<210> 2198

<211> 13

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<220>

<221> misc_feature

<222> (3)..(3)

<223> The residue at this position is linked to a Z28 quenching group.

<400> 2198
cactgcttcg tgg

13

<210> 2199

<211> 12

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<220>

<221> misc_feature
 <222> (4)..(4)
 <223> The residue at this position is linked to a spacer bearing a Cy3 dye
 <400> 2199
 cttctctcag ac 12
 <210> 2200
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2200
 cggaggaagc agttggaggc gtgacggt 28
 <210> 2201
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2201
 cggaggaagc agttgtggcg gtgacggtt 29
 <210> 2202
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2202
 cagtctgaga tgaatgagac gagagagt 28

<210> 2203
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2203
 cggaggaagc ggtagtctg tcacgtcat 29
 <210> 2204
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2204
 cggaggaagc ggtagtctg ccacgtcat 29
 <210> 2205
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2205
 cggagaagc agttggtgcg cctcgtaa 29
 <210> 2206
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2206
 cggaggaagc agttggtgcg cctcgtaa 29

<210> 2207
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2207
 cggaggaagc agttgcggcg tgcggct 27
 <210> 2208
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2208
 gcgcagtgcg aatgaggagg cgtgacggu 29
 <210> 2209
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2209
 ccaggaagca agtggtgcgc ctcguuu 27
 <210> 2210
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2210
 cagtctgaga tgaatgatac gccagg 26

<210> 2211
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2211
 agtctgagat gaaggagacg tgactgtgg 29
 <210> 2212
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2212
 cggaggaagc ggttggtgat ctcggcg 27
 <210> 2213
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2213
 tctgtggcgt atccttcttg ggcattgaa 29
 <210> 2214
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2214
 gtggcgatc cttcttgggc atgtaa 26

<210> 2215
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2215
 gcgtatcctt cttgggcatg taa 23
 <210> 2216
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> modified_base
 <222> (22)..(22)
 <223> The modified nucleotide at this position is a dideoxy cytosine.
 <400> 2216
 gaagatgttt cagttctgtg gc 22
 <210> 2217
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> modified_base
 <222> (23)..(23)
 <223> The modified nucleotide at this position is biotinylated deoxyade
 nosine
 <400> 2217
 aaaagatagc ccacagaaca cgatt 25

<210> 2218
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2218
 tggcgtatct taattccatt caaaat 26
 <210> 2219
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2219
 tgggagtttg ggattcttgt aattaa 26
 <210> 2220
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> modified_base
 <222> (18)..(18)
 <223> The modified nucleotide at this position is biotinylated deoxythymidine
 <400> 2220
 aaaagatagc ccacagctc 19

<210> 2221
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2221
 tggcgtatct aattattaat tccattc 27
 <210> 2222
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2222
 atcctgggtga gtttgggatt cttga 25
 <210> 2223
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> modified_base
 <222> (18)..(18)
 <223> The modified nucleotide at this position is biotinylated deoxythymidine
 <400> 2223
 aaaagatacg ccacagctc 19

<210> 2224
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2224
 tggcgtatct tccattcaaa atcatc 26
 <210> 2225
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2225
 gtttgggatt cttgtaatta ttaaa 25
 <210> 2226
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> modified_base
 <222> (18)..(18)
 <223> The modified nucleotide at this position is biotinylated deoxythy
 midine
 <400> 2226
 aaaagatacg ccacagctc 19

<210> 2227
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2227
 gtggcgtatc cttcttgggc at 22
 <210> 2228
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2228
 gaagatgttt cagttctgtg gc 22
 <210> 2229
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> modified_base
 <222> (18)..(18)
 <223> The modified nucleotide at this position is biotinylated deoxythy
 midine
 <400> 2229
 aaaagatacg ccacagctc 19

<210> 2230
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2230
 tggcgtatct ctgggtcatc ttc 23
 <210> 2231
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2231
 ggggtgttgaa ggtctcaaac atgaa 25
 <210> 2232
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> modified_base
 <222> (18)..(18)
 <223> The modified nucleotide at this position is biotinylated deoxythy
 midine — — — — —
 <400> 2232
 aaaagatacg ccacagctc 19

<210> 2233
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2233
 tggcgtatct cttgatcttc attgt 25
 <210> 2234
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2234
 acttgcgctc aggaggagca atgaa 25
 <210> 2235
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> modified_base
 <222> (18)..(18)
 <223> The modified nucleotide at this position is biotinylated deoxythymidine
 <400> 2235
 aaaagatacg ccacagctc 19

<210> 2236
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2236
 tggcgtatct gatctgggctc atct 24
 <210> 2237
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2237
 tggctgggggt gttgaaggctc tcaaacaa 28
 <210> 2238
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> modified_base
 <222> (18)..(18)
 <223> The modified nucleotide at this position is biotinylated deoxythymidine
 <400> 2238
 aaaagatacg ccacagctc 19

<210> 2239
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2239
 acccgatatct gcccgaggaag ga 22
 <210> 2240
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2240
 agtttcgtgg atgccacagg agaccaa 27
 <210> 2241
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2241
 agtttcgtgg atgctacagg agaccaa 27
 <210> 2242
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2242
 aaaagatacg ccacagctc 19

<210> 2243
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2243
 tggcgtatct ctcaaacaatg atct 24
 <210> 2244
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2244
 acgtacatgg ctgggggtggt gaagga 26
 <210> 2245
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> modified_base
 <222> (18) .. (18)
 <223> The modified nucleotide at this position is biotinylated deoxythymidine
 <400> 2245
 aaaagatacg ccacagctc 19

<210> 2246
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2246
 tggcgtatct gatctggggtc atc 23
 <210> 2247
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2247
 tggctgggggt gttgaagggtc tcaaacaa 28
 <210> 2248
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> modified_base
 <222> (18)..(18)
 <223> The modified nucleotide at this position is biotinylated deoxythy
 midine
 <400> 2248
 aaaagatacg ccacagctc 19

<210> 2249
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2249
 ccgtcacgcc tcgccttggg gttc 24
 <210> 2250
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2250
 tctgggtcat cttctcgcgg ttga 24
 <210> 2251
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2251
 gaaccccaag gcgaggcgt 19
 <210> 2252
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2252
 ccgtcacgcg catgggtcat cttct 25

<210>	2253	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2253	
	cgcggttggc cttgggggtt	19
<210>	2254	
<211>	30	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2254	
	ctgggggtgtt gaaggtctca aacatgatcc	30
<210>	2255	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2255	
	agaagatgac ccatggcgg	19
<210>	2256	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2256	
	ctctctcgtc tctcctggaa ga	22

<210>	2257	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2257	
	atttgatggt agtgggggtct cgca	24
<210>	2258	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2258	
	ctctctcgtc tctgctgaca atc	23
<210>	2259	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2259	
	gcagttggtg gtgcaggatg cata	24
<210>	2260	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2260	
	ctctctcgtc tctaccagga aatg	24

<210>	2261	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2261	
	gctgtagccg tattcattgt caa	23
<210>	2262	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2262	
	ctctctcgtc tctcctggga ag	22
<210>	2263	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2263	
	catttgatgt tagtgggggc tcga	24
<210>	2264	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2264	
	ctctctcgtc tctcctggaa ga	22

<210>	2265	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2265	
	atttgatgtt agtgggggtct cgca	24
<210>	2266	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2266	
	tcttccagga gagacg	16
<210>	2267	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2267	
	ctctctcgtc tcctcctgga ag	22
<210>	2268	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2268	
	catttgatgt tagtgggggtc tcga	24

<210> 2269
 <211> 16
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2269
 cttccaggag gagacg 16
 <210> 2270
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2270
 ctctctcgtc tctaccagga aatg 24
 <210> 2271
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2271
 gctgtagccg tattcattgt caa 23
 <210> 2272
 <211> 18
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2272
 catttcctgg tagagacg 18

<210>	2273	
<211>	26	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2273	
	atgacgtgac agacctcctg gaagat	26
<210>	2274	
<211>	27	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2274	
	atgacgtgac agacctcctg gaagatg	27
<210>	2275	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2275	
	catttgatgt tagtgggggc toga	24
<210>	2276	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2276	
	catcttccag gaggtctgt	19

<210>	2277	
<211>	26	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2277	
	atgacgtggc agacctcctg gaagat	26
<210>	2278	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2278	
	catttgatgt tagtgggggc tcga	24
<210>	2279	
<211>	18	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2279	
	atcttccagg aggtctgc	18
<210>	2280	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2280	
	cagtcacgtc tcttcagggtt ttg	23

<210> 2281
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2281
 aggcagctct caggtcaggt gtga 24
 <210> 2282
 <211> 15
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (4) .. (4)
 <223> The residue at this position is linked to a spacer bearing a Cy3
 dye
 <400> 2282
 cttctctcag tagcg 15
 <210> 2283
 <211> 30
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2283
 cgctactgag atgaaggaga cgtgactgta 30

<210> 2284
 <211> 30
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2284
 cgctaataag atgaaggaga cgtgactgta 30
 <210> 2285
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2285
 cagtcacgtc tcttcagggt ttg 23
 <210> 2286
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2286
 aggcagctct caggtcagggt gtga 24
 <210> 2287
 <211> 16
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (4)..(4)
 <223> The residue at this position is linked to a spacer bearing a Cy3 dye
 <400> 2287
 cttctctcag tagcga 16
 <210> 2288
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2288
 tcgctactga gatgaaggag acgtgactgt a 31
 <210> 2289
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2289
 tcgctaata ga gatgaaggag acgtgactgt a 31
 <210> 2290
 <211> 34
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2290
 aacgagggcgc acctttacat tttctatcgt atcc 34

<210> 2291
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2291
 ccttccttat cctggatctt ggca 24
 <210> 2292
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2292
 ggatacgata gaaaatgtaa aggtgcgc 28
 <210> 2293
 <211> 33
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2293
 aacgaggcgc acctttacat tttctatcgt atc 33
 <210> 2294
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2294
 ccttccttat cctggatctt ggca 24

<210> 2295
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2295
 gatacgatag aaaatgtaaa ggtgcgc 27
 <210> 2296
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2296
 aacgaggcgc acctttacat tttctatcg 29
 <210> 2297
 <211> 30
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2297
 aacgaggcgc acctttacat tttctatcgt 30
 <210> 2298
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2298
 ccttccttat cctggatctt ggca 24

<210> 2299
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2299
 acgataaaaa atgtaaagggt gcgc 24
 <210> 2300
 <211> 30
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2300
 aacgaggcgc acctttacat tttctatcgt 30
 <210> 2301
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2301
 aacgaggcgc acctttacat tttctatcgt u 31
 <210> 2302
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2302
 aacgaggcgc acctttacat tttctatcgt g 31

<210> 2303
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2303
 aacgaggcgc acctttacat ttctatcgt t 31
 <210> 2304
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2304
 ccttccttat cctggatcct ggca 24
 <210> 2305
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2305
 acgataaaaa atgtaaagggt gcgc 24
 <210> 2306
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2306
 gccgcacgcc gctttacatt ttctatcgt 29

<210>	2307	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2307	
	ccttccttat cctggatctt ggca	24
<210>	2308	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2308	
	acgatatagaaa atgttaaagcg gcg	23
<210>	2309	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2309	
	acgatatagaaa atgttaaagcg gcgt	24
<210>	2310	
<211>	35	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2310	
	aacgaggcgc acctttacat tttctatcgt atccg	35

<210> 2311
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2311
 ccttccttat cctggatcctt ggca 24
 <210> 2312
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2312
 cggatacgaat agaaaatgta aaggtgcgc 29
 <210> 2313
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2313
 ccgtcacgcc tccttcggag tttggg 26
 <210> 2314
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2314
 gggttgtgga gtgagtgttc aagta 25

<210> 2315
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2315
 cccaaactcc gaaggaggcg 20
 <210> 2316
 <211> 18
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2316
 ttttctggaa gctttgct 18
 <210> 2317
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2317
 cgatgccaaa gaccagctgc aaggaag 27
 <210> 2318
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2318
 gaagatcaca ggaaagaaat ac 22

<210>	2319	
<211>	14	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2319	
	gcagcttctt ggga	14
<210>	2320	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2320	
	aacgaggcgc acgttgggtg a	21
<210>	2321	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2321	
	gcagcttctt gggact	16
<210>	2322	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2322	
	aacgaggcgc acgttgggtg ag	22

<210>	2323	
<211>	27	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2323	
	ctccaggtag ttttcctgca cgaaatc	27
<210>	2324	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2324	
	ctcacccaac gtgcgc	16
<210>	2325	
<211>	14	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2325	
	agcttcttgg gatc	14
<210>	2326	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2326	
	aacgaggcgc acttgggtga gc	22

<210>	2327	
<211>	14	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2327	
	gcttcttggg atcc	14
<210>	2328	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2328	
	aacgaggcgc acttgggtga gca	23
<210>	2329	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2329	
	caggtagttt tcctgcacga aatga	25
<210>	2330	
<211>	17	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2330	
	tgctcaccca agtgcgc	17

<210>	2331	
<211>	15	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2331	
	tgcaggatca ctgcc	15
<210>	2332	
<211>	27	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2332	
	aacgaggcgc accaccaatt cataaca	27
<210>	2333	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2333	
	ggcccttgga ccccaa	16
<210>	2334	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2334	
	tgttatgaat tgggtggtgcg c	21

<210>	2335	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2335	
	catgcaggat cactgc	16
<210>	2336	
<211>	27	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2336	
	aacgaggcgc accacaccaa ttcataa	27
<210>	2337	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2337	
	agggcccttg gaccca	16
<210>	2338	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2338	
	ttatgaattg gtgtggtgcg c	21

<210>	2339	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2339	
	cctggcggtat ctagggctcc a	21
<210>	2340	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2340	
	gtgttcaggt tttggaggcg gataa	25
<210>	2341	
<211>	17	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2341	
	cttggagccc tagatac	17
<210>	2342	
<211>	18	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2342	
	cttggagccc tagatacg	18

<210>	2343	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2343	
	cttggagccc tagatacgc	19
<210>	2344	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2344	
	cagtcacgtc tcttcaggtt ttg	23
<210>	2345	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2345	
	aggcagctct caggtcaggt gtga	24
<210>	2346	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2346	
	gaggcggata tagggctcca	20

<210> 2347
 <211> 17
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2347
 caaaacctga agagacg 17
 <210> 2348
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2348
 aacgaggcgc accctctgtg tg 22
 <210> 2349
 <211> 16
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2349
 cacacagagg gtgcgc 16
 <210> 2350
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2350
 aacgaggcgc accctctgtg tg 22

<210>	2351	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2351	
	aacgaggcgc accctctgtg tg	22
<210>	2352	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2352	
	gcaaggacca gactgagcag cgta	24
<210>	2353	
<211>	15	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2353	
	agcagtaccc ccatg	15
<210>	2354	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2354	
	cacacagagg gaggcg	16

<210>	2355	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2355	
	aacgaggcgc accttctgga g	21
<210>	2356	
<211>	12	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2356	
	ctggccaagg ag	12
<210>	2357	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2357	
	gtcctgcatg agatctgtct ga	22
<210>	2358	
<211>	15	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2358	
	ctccagaagg tgcgc	15

<210>	2359	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2359	
	aacgagcgcg actctgcttc t	21
<210>	2360	
<211>	12	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2360	
	ggagctggcc aa	12
<210>	2361	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2361	
	tggtgtcctg catgagatct ga	22
<210>	2362	
<211>	18	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2362	
	tccagaagca gagtgcgc	18

<210>	2363	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2363	
	aacgaggcgc accatgagat ct	22
<210>	2364	
<211>	13	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2364	
	gtctgcttct gga	13
<210>	2365	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2365	
	gagtctgctg gtgtccctga	20
<210>	2366	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2366	
	agatctcatg gtgcgc	16

<210>	2367	
<211>	13	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2367	
	tggccaagga gca	13
<210>	2368	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2368	
	aacgaggcgc acttctggag c	21
<210>	2369	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2369	
	tcctgcatga gatctgtctg ca	22
<210>	2370	
<211>	15	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2370	
	gctccagaag tgcg	15

<210>	2371	
<211>	13	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2371	
	ggccaaggag cac	13
<210>	2372	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2372	
	aacgaggcgc actctggagc t	21
<210>	2373	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2373	
	cctgcatgag atctgtctgc ta	22
<210>	2374	
<211>	15	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2374	
	agctccagag tgcgc	15

<210>	2375	
<211>	13	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2375	
	gccaaaggagc acg	13
<210>	2376	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2376	
	aacgaggcgc acctggagct c	21
<210>	2377	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2377	
	cctgcatgag atctgtctgc tta	23
<210>	2378	
<211>	15	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2378	
	gagctccagg tgcgc	15

<210> 2379
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2379
 cgccgagatc acgccaacga cggctc 26
 <210> 2380
 <211> 32
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2380
 agcccttgag ttttaataact tcataggcac ta 32
 <210> 2381
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2381
 agaccgtcgt tggcgtgac 20
 <210> 2382
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2382
 cgccgagatc acctcaacac cataaaagcc a 31

<210>	2383	
<211>	28	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2383	
	cgggagactg aggaatacgt caccacca	28
<210>	2384	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2384	
	tggcttttat ggtgttgagg tgatc	25
<210>	2385	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2385	
	ccgtcacgcc tccgaactgc cctag	25
<210>	2386	
<211>	28	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2386	
	gtataatagt cccgacgac aaagaggc	28

<210>	2387	
<211>	15	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2387	
	ggtccttggg yaggg	15
<210>	2388	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2388	
	gcggaggctt gacgggatc	19
<210>	2389	
<211>	26	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2389	
	ctctctcgtc tccagggcgt cgtcgg	26
<210>	2390	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2390	
	ctgtcacaca cgtcggtgct ga	22

<210> 2391
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2391
 aaaaaggaga cgagagagtg 20
 <210> 2392
 <211> 13
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (4)..(4)
 <223> The residue at this position is linked to a spacer bearing a Cy3
 dye
 <400> 2392
 attctctcag act 13
 <210> 2393
 <211> 14
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (4)..(4)
 <223> The residue at this position is linked to a spacer bearing a Cy3
 dye
 <400> 2393
 caacgcttcc tccg 14

<210> 2394
 <211> 14
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <220>
 <221> misc_feature
 <222> (4)..(4)
 <223> The residue at this position is linked to a spacer bearing a Cy3 dye
 <400> 2394
 cgcttctcgc tcgc 14
 <210> 2395
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2395
 cagtctgaga tgaatgatac gagagagt 28
 <210> 2396
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2396
 cagtctgaga tgaatgagac gagagagt 28

<210> 2397
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2397
 cggaggaagc agttggaggc gtgacggt 28
 <210> 2398
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2398
 cggaggaagc agttggtgcg cctcgtaa 29
 <210> 2399
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2399
 gcggaagaag cggttggtga tctcggcgg 29
 <210> 2400
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2400
 cggaagaagc agttggaggc gtgacggt 28

<210> 2401
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2401
 cggaagaagc agttggtgcg cctcggttaa 29
 <210> 2402
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2402
 gcgagagaga cagcgcaaac ctgccgttc 29
 <210> 2403
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2403
 cggaggaagc agttgtccgc gaagatg 27
 <210> 2404
 <211> 30
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2404
 cggaagaagc agttggagac gtgactgtgg 30

<210> 2405
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2405
 ggagtgagac agcgaaagac tgccgttct 29
 <210> 2406
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2406
 ccgccatcta gggttatgat gcta 24
 <210> 2407
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2407
 ctctctcgtc tccttcacct tcctgtcg 28
 <210> 2408
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2408
 cgacaggaag gtgaaggaga cga 23

<210> 2409

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2409

cgacaggaag gtgaaggaga cga

23

<210> 2410

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2410

cgacaggaag gtgaaggaga cgaga

25

<210> 2411

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2411

aacgaggcgc accttcacct tcctgtcg

28

<210> 2412

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2412

aacgaggcgc accttcacct tcctgtcg

28

<210> 2413
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2413
 cgacaggaag gtgaagggtgc gcc 23
 <210> 2414
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2414
 cgacaggaag gtgaagggtgc gcctc 25
 <210> 2415
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2415
 catcttcgcg gacttcacct tcctgtcg 28
 <210> 2416
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2416
 cgacaggaag gtgaagtccg 20

<210> 2417
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2417
 cgacaggaag gtgaagtcg cg 22
 <210> 2418
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2418
 cttgctcccc gtgcttcacc ttctgtcg 29
 <210> 2419
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2419
 cttgctcccc gtgcttcacc ttctgtcg 29
 <210> 2420
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2420
 cgacaggaag gtgaagcacg gg 22

<210>	2421	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2421	
	cgacaggaag gtgaagcacg ggga	24
<210>	2422	
<211>	28	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2422	
	ctctctcgtc tccacattcc accaccag	28
<210>	2423	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2423	
	ttgtgtaagt cagcctttc ataata	25
<210>	2424	
<211>	31	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2424	
	aacgaggcgc acgaagcagg gtaatgaatc t	31

<210> 2425
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2425
 ccactcctga aggctccgca gtc 23
 <210> 2426
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2426
 ctctctcgtc tcaatgcctg tcgcc 25
 <210> 2427
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2427
 gcttcagggt ttgtcggaag aagaac 26
 <210> 2428
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2428
 ctctctcgtc tcgtttgagg cgatacat 28

<210>	2429	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2429	
	cggttgatc tcttcacggc ccac	24
<210>	2430	
<211>	35	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2430	
	ctctctcgtc tcaacttcaa ataccactgt aatct	35
<210>	2431	
<211>	31	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2431	
	ctcacgtaat ttgtagccca ccaggagttt c	31
<210>	2432	
<211>	29	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2432	
	agattacagt ggtatttgaa gttgagacg	29

<210>	2433	
<211>	29	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2433	
	tggtccaaga cgcacagcaa aatcttgag	29
<210>	2434	
<211>	28	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2434	
	cagtcacgtc tcttcaggga gtagcgca	28
<210>	2435	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2435	
	cccgtggtag gagagcagca cta	23
<210>	2436	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2436	
	tgcgctactc cctgaagaga cg	22

<210>	2437	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2437	
	ctctctcgtc tcgcccacca ggatt	25
<210>	2438	
<211>	29	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2438	
	ctcccaccag tcgctcacgt aatttgtaa	29
<210>	2439	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2439	
	aatcctggtg ggcgagacg	19
<210>	2440	
<211>	38	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2440	
	ttaacttcaa ataccactgt aatcttggtc caagaccg	38

<210> 2441
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2441
 accgagcgcc accaattatt cctaacg 27
 <210> 2442
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2442
 gccgtttcca gagtccgatt gatttttga 29
 <210> 2443
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2443
 cgtaggaat aattggtggc g 21
 <210> 2444
 <211> 33
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2444
 catcttcgag gagacatttc ttgatgattc ctt 33

<210> 2445
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2445
 aaaggtgtct gggctcgtgc t 21
 <210> 2446
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2446
 aaggaatcat caagaaatgt ctccg 25
 <210> 2447
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2447
 aacgaggcgc accagtttcc tctgtg 26
 <210> 2448
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2448
 gaccagccct gacatgaact ttac 25

<210> 2449
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2449
 cacagaggaa actggtgcgc 20
 <210> 2450
 <211> 30
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2450
 ctctctcgtc tcgggagggt aataataagg 30
 <210> 2451
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2451
 gctgcctttt caataatctt atcgaac 27
 <210> 2452
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2452
 ccttattatt accctcccga gacga 25

<210> 2453
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2453
 ctctctcgtc tcgttggtatt ctttaagcca g 31
 <210> 2454
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2454
 cggtccagggt catccccaga c 21
 <210> 2455
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2455
 ctggcttaaa gaatacaacg agacga 26
 <210> 2456
 <211> 30
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2456
 ctctctcgtc tcctctggtg gatatgtttg 30

<210> 2457
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2457
 ctaagttttc agggatggat ggttcatgc 29
 <210> 2458
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2458
 caaacatatc caccagagga gacga 25
 <210> 2459
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2459
 ctctctcgtc tcaactgtgt gggc 24
 <210> 2460
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2460
 ttaagatctg tagtcctttcc gaac 24

<210>	2461	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2461	
	gcccacacac ttgagacga	19
<210>	2462	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2462	
	ccgtcacgcc tcctgttgcc tccc	24
<210>	2463	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2463	
	agcctccaac ttcacgctgt	20
<210>	2464	
<211>	18	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2464	
	gggaggcaac aggaggcg	18

<210> 2465
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2465
 ccgcccagat cactgaagag gatgctgatg g 31
 <210> 2466
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2466
 acaccacggtt gttggcagag tcaag 25
 <210> 2467
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2467
 ccatcagcat cctottcagt gatctcgg 28
 <210> 2468
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2468
 ccgtcacgcc tcgccttagg gttca 25

<210> 2469
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2469
 tctgggtcat cttttcacgg ttga 24
 <210> 2470
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2470
 tgaaccctaa ggcgaggcg 19
 <210> 2471
 <211> 17
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2471
 gaggggcctc ggtgagc 17
 <210> 2472
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2472
 ccgccgagat caccagttct tgcctttc 28

<210> 2473
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2473
 ccgccgagat cacgagttct tgcctttc 28
 <210> 2474
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2474
 ttcacacacg cttttcctgg tatctcc 27
 <210> 2475
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2475
 gaaaggcaag aactcgtgat c 21
 <210> 2476
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2476
 ctctctcgtc tcccagaagg ccagt 25

<210> 2477
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2477
 ttcttcatct aggacaagtg tggaaccata a 31
 <210> 2478
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2478
 actggccttc tgggagacg 19
 <210> 2479
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2479
 ccgtcacgcc tctttcctca ttctcct 27
 <210> 2480
 <211> 37
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2480
 cccaatttcc attctcatta ttctccggaa gtaaatac 37

<210>	2481	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2481	
	aggagaatga ggaaagaggc g	21
<210>	2482	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2482	
	ccgtcacgcc tctgtctttc ttcgc	25
<210>	2483	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2483	
	gctgcaccgc cacccc	16
<210>	2484	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2484	
	gcgaagaaag acagaggcg	19

<210> 2485
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2485
 aacgaggcgc actcttctta ttctcctg 28
 <210> 2486
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2486
 aacgaggcgc actcttctta ttctcctg 28
 <210> 2487
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2487
 gtctcaaagt ccaccacagt ctc 23
 <210> 2488
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2488
 caggagaata agaagagtgc gc 22

<210> 2489
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2489
 ccgtcacgcc tctcttctta ttctcc 26
 <210> 2490
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2490
 ccgtcacgcc tctcttctta ttctcc 26
 <210> 2491
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2491
 gtctcaaagt ccaccacagt ctc 23
 <210> 2492
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2492
 ggagaataag aagagaggcg 20

<210>	2493	
<211>	17	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2493	
	tgggatgggt cctgggc	17
<210>	2494	
<211>	28	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2494	
	gaacggcagg tttggcactc ttggcatt	28
<210>	2495	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2495	
	caggtaggcg taggtcttga	20
<210>	2496	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2496	
	aatgccaaga gtgccaacc tgc	23

<210>	2497	
<211>	17	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2497	
	ggctctgtgc tgggcta	17
<210>	2498	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2498	
	ccgtcacgcc tcccgaactcc gtct	24
<210>	2499	
<211>	18	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2499	
	cgggtgcagc gcagcatt	18
<210>	2500	
<211>	18	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2500	
	agacggagtc gggaggcg	18

<210> 2501
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2501
 ccgtcacgcc tctgtcactt gatcggttct 29
 <210> 2502
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2502
 tggcctcata aactccgtat tttagcaag 29
 <210> 2503
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2503
 agaacgatca agtgacagag gcg 23
 <210> 2504
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2504
 ccgccgagat cacgtgtcct acgttttagaa g 31

<210> 2505
 <211> 34
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2505
 cacatgtaca ataccctcct gcattttttc aatc 34
 <210> 2506
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2506
 cttctaaacg taggacacgt gatctcgg 28
 <210> 2507
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2507
 ccgtcacgcc tctcttctga atcttgc 27
 <210> 2508
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2508
 ctggcacttg ttgcggttct a 21

<210>	2509	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2509	
	gcaagattca gaagagaggc g	21
<210>	2510	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2510	
	agctgcgctc acacttctcg t	21
<210>	2511	
<211>	26	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2511	
	ccgtcacgcc tctcttctga atcttg	26
<210>	2512	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2512	
	ctggcacttg ttgcggttct a	21

<210> 2513
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2513
 caagattcag aagagaggcg 20
 <210> 2514
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2514
 cagctgcgct cacacttctc gt 22
 <210> 2515
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2515
 ccgtcacgcc tctcttctga atctt 25
 <210> 2516
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2516
 cctggcactt gttgcgggttc ta 22

<210> 2517
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2517
 gcagctgcgc tcacacttct cgt 23
 <210> 2518
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2518
 aacgaggcgc acggtaggca ttgtaga 27
 <210> 2519
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2519
 ccttcttttt ggtcatgttg aagtttttca c 31
 <210> 2520
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2520
 tctacaatgc ctaccgtgcg c 21

<210>	2521	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2521	
	tgtgcttgga gaaggccttc a	21
<210>	2522	
<211>	27	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2522	
	ccgtcacgcc tcgccacttg tttttca	27
<210>	2523	
<211>	28	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2523	
	ccatgcccat aaagagcctt taacagga	28
<210>	2524	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2524	
	tgaaaaacaa gtggcgaggc g	21

<210> 2525
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2525
 ccgtcacgcc tctttatgcc ttttgtga 28
 <210> 2526
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2526
 tgcccattag tccaacaaag gaatctgta 29
 <210> 2527
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2527
 tcacaaaagg cataaagagg cg 22
 <210> 2528
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2528
 gagatctgac catgcccata aagagcc 27

<210>	2529	
<211>	26	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2529	
	aacgaggcgc acgctggcaa acttgt	26
<210>	2530	
<211>	27	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2530	
	cctttctgtc tttggagact tgcata	27
<210>	2531	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2531	
	acaagtttgc cagcgtgcgc	20
<210>	2532	
<211>	28	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2532	
	acaactccat caaactgtg ctttgctg	28

<210>	2533	
<211>	26	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2533	
	aacgaggcgc actctaggaa gtggca	26
<210>	2534	
<211>	26	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2534	
	gtgctgggca atatgtctgt agagcg	26
<210>	2535	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2535	
	tgccacttcc tagagtgcgc	20
<210>	2536	
<211>	17	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2536	
	gccaggctgg aaggagc	17

<210>	2537	
<211>	27	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2537	
	ccgccgagat caccgtctca gtttggt	27
<210>	2538	
<211>	36	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2538	
	cgagtagtga catggtaaaa gttgtttgta ttggct	36
<210>	2539	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2539	
	accaaactga gacggtgatc tc	22
<210>	2540	
<211>	27	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2540	
	ccgccgagat caccacgttc acgggtt	27

<210>	2541	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2541	
	gggagatcca gtccactaat cca	23
<210>	2542	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2542	
	aaccctgtaa cgtggtgatc t	21
<210>	2543	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2543	
	gggactgtcg ggacttcagg	20
<210>	2544	
<211>	34	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2544	
	gaacggcagg tttggggaat tttctttatt tctt	34

<210>	2545	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2545	
	attccttcgc ccagggtgat g	21
<210>	2546	
<211>	28	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2546	
	aagaaataaa gaaaattccc caaacctg	28
<210>	2547	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2547	
	cttttgtccc cagcagtgt	19
<210>	2548	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2548	
	aacgaggcgc acggtggtgt tggga	25

<210>	2549	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2549	
	gcctcatagc atcgcagagg tgt	23
<210>	2550	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2550	
	tcccaacacc accgtgcgc	19
<210>	2551	
<211>	22	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2551	
	cagagggcac ggtgcatggt gt	22
<210>	2552	
<211>	26	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2552	
	gaacggcagg tttgtcagca gaccgc	26

<210>	2553	
<211>	31	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2553	
	gagaggccaa agtgagacca tgtgaaagaa a	31
<210>	2554	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2554	
	gcggtctgct gacaaacctg c	21
<210>	2555	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2555	
	catggatcgg catggcccc	19
<210>	2556	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2556	
	aacgaggcgc acggtgtagg gggg	24

<210>	2557	
<211>	18	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2557	
	gccctgctca caggcaat	18
<210>	2558	
<211>	18	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2558	
	ccccctaca ccgtgcgc	18
<210>	2559	
<211>	26	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2559	
	ccgtcacgcc tcgtcagtgc cttttc	26
<210>	2560	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2560	
	cacctggcgg atcacttcca tgt	23

<210>	2561	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2561	
	gaaaaggcac tgacgaggcg	20
<210>	2562	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2562	
	ccgtcacgcc tccctcatcc tcaact	25
<210>	2563	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2563	
	actctgactc tgtgtcatag ctctt	25
<210>	2564	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2564	
	agtgaggatg agggaggcg	19

<210> 2565
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2565
 aacgaggcgc acggttttct agtgtca 27
 <210> 2566
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2566
 ctcaactctct ggcagcatct gaat 24
 <210> 2567
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2567
 tgacactaga aaaccgtgcg c 21
 <210> 2568
 <211> 14
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2568
 gctggcccag ctgc 14

<210>	2569	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2569	
	ccgccgagat cacggttatg cgctg	25
<210>	2570	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2570	
	ccagggggag gtggtc	16
<210>	2571	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2571	
	gcagcgcata accgtgatct	20
<210>	2572	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2572	
	ctcctctttc agcttgatgc tgg	23

<210> 2573
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2573
 gaacggcagg tttgggtggt ggttatgcg 29
 <210> 2574
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2574
 agaggggaaac atccaggggg ag 22
 <210> 2575
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2575
 cgcataacca ccacccaaac ctgc 24
 <210> 2576
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2576
 ccgccgagat cacgagatgc tgtatccc 28

<210> 2577
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2577
 ggtcaggttg ctgaagacca tgttg 25
 <210> 2578
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2578
 gggatacagc atctcgtgat ct 22
 <210> 2579
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2579
 ccgtcacgcc tctgagcaca tccacg 26
 <210> 2580
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2580
 acatagtctc tgccgctgtc tta 23

<210> 2581
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2581
 cgtggatgtg ctcagaggcg 20
 <210> 2582
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2582
 tacacagtgg ccaggtcctt 20
 <210> 2583
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2583
 gaacggcagg tttgtcccaa ggcg 25
 <210> 2584
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2584
 gtcaaggagc tttaggttta gctgttta 28

<210> 2585
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2585
 gtcaaggatc tttagggttta gctgttta 28
 <210> 2586
 <211> 37
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2586
 gtcccagttg tcaaggatct ttaggttttag ctgttta 37
 <210> 2587
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2587
 ccgccttggg acaaacctg 19
 <210> 2588
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2588
 agccttcaaa ctgggacaca tagtctc 27

<210> 2589
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2589
 ccgccgagat cacttctgtc tcctt 25
 <210> 2590
 <211> 16
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2590
 ctcttgcttc aggccg 16
 <210> 2591
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2591
 aaggagacag aggtgatct 19
 <210> 2592
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2592
 ttccaggtta tcccagaact cc 22

<210> 2593
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2593
 agaacggcag tctttctgtt ttcccaagg 29
 <210> 2594
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2594
 ccagttgtca aggagcttta ggtttagt 28
 <210> 2595
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2595
 ccttgaggaaa acagaaagac tgc 23
 <210> 2596
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2596
 cggagccttc aaactgggac acatagt 27

<210>	2597	
<211>	31	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2597	
	agaacggcag tctttagaat aggcgatctg t	31
<210>	2598	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2598	
	cactcaggtc tatgcttgtg gct	23
<210>	2599	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2599	
	acagatcgcc tattctaaga ctg	23
<210>	2600	
<211>	28	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2600	
	gggatgtcga acagctggag aagattct	28

<210> 2601
 <211> 35
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2601
 ccgtcacgcc tcctttacat tttctatcgt atccg 35
 <210> 2602
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2602
 ccttccttat cctggatcct ggca 24
 <210> 2603
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2603
 cggatacgat agaaaatgta aaggaggcg 29
 <210> 2604
 <211> 35
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2604
 cgccgagatc acctttacat tttctatcgt atccg 35

<210> 2605
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2605
 ccttccttat cctggatctt ggca 24
 <210> 2606
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2606
 cggatacgat agaaaatgta aaggtgatc 29
 <210> 2607
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2607
 catcttcgcg gactggatct tggcc 25
 <210> 2608
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2608
 gctgatcagg aggaattcct tccttatct 29

<210> 2609
 <211> 17
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2609
 ggccaagatc cagtccg 17
 <210> 2610
 <211> 34
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2610
 ctctctcgtc tcttacattt tctatcgat ccga 34
 <210> 2611
 <211> 34
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2611
 ctctctcgtc tctttacatt ttctatcgta tccg 34
 <210> 2612
 <211> 35
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2612
 ctctctcgtc tctttacat tttctatcgt atccg 35

<210> 2613
 <211> 34
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2613
 ctctctcgtc tccctttaca ttttctatcg tatc 34
 <210> 2614
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2614
 ctctctcgtc tcgcctttac attttctatc g 31
 <210> 2615
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2615
 ggaattcctt ccttatcctg gatcttga 28
 <210> 2616
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2616
 ggaattcctt ccttatcctg gatcttggc 29

<210>	2617	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2617	
	ccttccttat cctggatcct ggca	24
<210>	2618	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2618	
	ttccttatcc tggatcctgg cca	23
<210>	2619	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2619	
	tccttatcct ggatcctggc cta	23
<210>	2620	
<211>	28	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<400>	2620	
	ccgtcacgcc tcccttctgg atgttgta	28

<210> 2621
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2621
 ccaggtgcag ggttgacta 19
 <210> 2622
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2622
 tacaacatcc agaagggagg cg 22
 <210> 2623
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2623
 cgccgagatc acccttctgg atgttgta 28
 <210> 2624
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2624
 ccaggtgcag ggttgacta 19

<210> 2625
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2625
 tacaacatcc agaaggggtga tc 22
 <210> 2626
 <211> 30
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2626
 ccgtcacgcc tcccttctgg atgttgtaat 30
 <210> 2627
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2627
 ccaggtgcag gggtgacta 19
 <210> 2628
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2628
 attacaacat ccagaaggga ggcg 24

<210> 2629
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2629
 ccgtcacgcc tcccttctgg atgttgtaat c 31
 <210> 2630
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2630
 ccaggtgcag ggttgacta 19
 <210> 2631
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2631
 gattacaaca tccagaaggg aggcg 25
 <210> 2632
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2632
 aacgaggcgc acatgttgta atcagagagg g 31

<210> 2633
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2633
 tgcagggttg actctttctg ga 22
 <210> 2634
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2634
 ccctctctga ttacaacatg tgcgc 25
 <210> 2635
 <211> 28
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2635
 catcttcgcg gaccttctgg atgttgta 28
 <210> 2636
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
 <400> 2636
 ggaccaggtg cagggttgac tt 22

<210> 2637

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2637

tacaacatcc agaaggtccg

20

<210> 2638

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2638

catcttcgcg gacttcacgt tctcgatgg

29

<210> 2639

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2639

ccctctttat cctggatctt ggca

24

<210> 2640

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2640

ccatcgagaa cgtgaagtcc gcg

23